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Textile Organon

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MONTHLY REVIEW

Highlights

1981 Man-Made Fiber Production, Import, Export & Net Available Supply By Country in Millions of Pounds ... featured page 243.

Third Quarter Domestic Shipments of Filament Yarn Fell to the Lowest Level in Years ... see page 244.

Third Quarter Domestic Shipments of Nylon Staple+Tow to the Carpet Trades Rose to 165.5 Million Pounds ... see page 245.

Textile Organon Special Report: World Natural Fiber Review ... see pages 237-242.

Nylon yarn shipments to the carpet trades rose in November, as did shipments of both nylon textile and industrial yarn - each to near record highs for this year.

Shipments of polyester textile yarn rebounded from a weak October, but shipments of polyester industrial yarn fell to the lowest level since July.

Olefin yarn+monofilament shipments rose in November, though shipments of olefin+vinyon staple+tow fell to the lowest level since July.

Shipments of both nylon and acrylic+modacrylic staple+tow rose in November, as the shipment level of acrylic+modacrylic rose to the highest level since August.

After a midyear slump, shipments of polyester staple+tow have risen dramatically, with November's level being the highest recorded since March.

ITEM	1982 NOV	1982 OCT	%[a]	1981 NOV	%[b]	YEAR TO DATE 1982	YEAR TO DATE 1981	%[c]
	TOTAL SHIPMENTS MILLION POUNDS & *Percent*							
MAN-MADE FIBER DATA								
YARN+MONOFILAMENTS								
ACETATE	**15.2**	**15.6**	*-2.6*	**17.6**	*-13.6*	**185.8**	**245.1**	*-24.2*
NYLON INDUSTRIAL	31.1	25.5	*+22.0*	33.4	*-6.9*	299.0	375.1	*-20.3*
LOW DENIER INDUSTRIAL	2.5	2.5	-	2.7	*-7.4*	26.9	32.5	*-17.2*
CARPET	50.3	48.6	*+3.5*	39.4	*+27.7*	535.3	634.1	*-15.6*
TEXTILE	29.8	28.7	*+3.8*	32.5	*-8.3*	305.2	387.2	*-21.2*
POLYESTER INDUSTRIAL	22.0	23.2	*-5.2*	25.7	*-14.4*	264.3	284.5	*-7.1*
LOW DENIER INDUSTRIAL	2.1	1.7	*+23.5*	2.2	*-4.5*	20.5	26.1	*-21.5*
TEXTILE	77.7	70.6	*+10.1*	91.6	*-15.2*	859.1	1144.0	*-24.9*
OLEFIN	47.5	47.1	*+0.8*	52.0	*-8.7*	542.0	596.2	*-9.1*
TOTAL NONCELLULOSIC ABOVE	**263.0**	**247.9**	*+6.1*	**279.5**	*-5.9*	**2852.3**	**3479.7**	*-18.0*
STAPLE+TOW+FIBERFILL								
RAYON	**31.9**	**32.8**	*-2.7*	**36.6**	*-12.8*	**329.7**	**424.1**	*-22.3*
NYLON	62.3	61.2	*+1.8*	40.9	*+52.3*	633.4	678.7	*-6.7*
ACRYLIC+MODACRYLIC	53.3	50.7	*+5.1*	49.8	*+7.0*	584.2	641.7	*-9.0*
POLYESTER	171.1	163.8	*+4.5*	206.2	*-17.0*	1786.9	2386.0	*-25.1*
OLEFIN+VINYON	12.2	12.4	*-1.6*	10.0	*+22.0*	133.0	123.6	*+7.6*
TOTAL NONCELLULOSIC ABOVE	**298.9**	**288.1**	*+3.7*	**306.9**	*-2.6*	**3137.5**	**3830.0**	*-18.1*

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
Also see footnotes on page 251.

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Textile Organon

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IMPORTS, EXPORTS & BALANCE

The 1981 by-country production, import, export and net available or retained supply of four categories of man-made fiber are presented in millions of pounds on page 243.

In the table, "yarn" includes tire cord and tire cord fabric, filament yarn and monofilaments. Staple includes tow, fiberfill and tops. Spun yarn includes advanced waste. Unprocessed waste is not included.

In a few cases where a country's import or export data could not be accurately separated as cellulosic versus noncellulosic, a division was estimated.

Except for spun yarn imports and exports, imports and exports of manufactured and semimanufactured man-made fiber products (e.g., fabric dresses, hosiery, etc.) are not included in the data.

The table shows the net import-export tonnage of spun yarn under the "Total Man-Made Fiber" columns; space does not permit the presentation of import and export data separately.

Textile
Organon

SPECIAL REPORT

World Natural Fiber Review

Editor's Note--This is the second in a series of periodic reports scheduled to appear in the Textile Organon. The first, "The Impact of Exports," was published in the August 1982 issue.

The purpose of this report is to provide the reader with a single source of worldwide and regional raw cotton and wool production data for easy reference. Traditionally, these data appeared in the October (cotton) and December (wool) issues of the Organon.

Still another reason for publishing this report is to compare and analyze the production of natural fibers with man-made fibers on a worldwide and regional basis. To accomplish this, a 10-year history of raw cotton and wool production was compiled. These data were then compared with the production of man-made fibers for the years 1971, 1976 and 1981. The results indicate that, over the 10-year period, man-made fibers gained market share at the expense of natural fibers in every region analyzed. However, since 1976, the growth of man-made fibers in the developed regions, the U.S.A. and Western Europe, has slowed and market share actually declined in those areas.

WORLD PRODUCTION, CONSUMPTION, EXPORT & CARRYOVER OF RAW COTTON

MILLION BALES[a] & *Percent*

SEASON BEGINNING AUGUST 1	PRODUCTION[b]						CONSUMPTION[c]						EXPORT[d]						CARRYOVER[e]					
	TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN		TOTAL		U.S.A.		FOREIGN	
	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954[f]	38.4	100	14.0	36	24.4	64	37.2	100	9.3	25	27.9	75	12.4	100	4.0	32	8.4	68	18.1	100	7.6	42	10.5	58
1955-1959[f]	43.7	100	12.9	30	30.8	70	44.2	100	8.7	20	35.5	80	14.7	100	5.1	35	9.6	65	22.4	100	12.0	54	10.4	46
1960-1964[f]	49.2	100	14.9	30	34.3	70	47.2	100	8.7	18	38.5	82	16.6	100	4.9	30	11.7	70	23.5	100	12.3	52	11.2	48
1965-1969[f]	52.7	100	10.6	20	42.1	80	54.0	100	8.8	16	45.2	84	17.4	100	3.6	21	13.8	79	27.0	100	11.3	42	15.7	58
1970-1974[f]	63.2	100	11.9	19	51.3	81	59.2	100	7.5	13	51.7	87	18.9	100	4.5	24	14.4	76	23.0	100	4.3	19	18.7	81
1975-1979[f]	60.4	100	11.9	20	48.5	80	62.5	100	6.7	11	55.8	89	19.5	100	5.8	30	13.7	70	25.0	100	4.3	17	20.7	83
1970	54.4	100	10.3	19	44.1	81	56.2	100	8.1	14	48.1	86	17.8	100	3.9	22	13.9	78	21.8	100	5.8	27	16.0	73
1971	59.8	100	10.3	17	49.5	83	58.5	100	8.0	14	50.5	86	18.9	100	3.4	18	15.5	82	20.9	100	4.3	21	16.6	79
1972	63.2	100	13.9	22	49.3	78	60.4	100	7.8	13	52.6	87	21.2	100	5.3	25	15.9	75	21.9	100	3.3	15	18.6	85
1973	63.7	100	13.3	21	50.4	79	62.2	100	7.5	12	54.7	88	19.4	100	6.1	31	13.3	69	24.5	100	4.1	17	20.4	83
1974	64.7	100	11.5	18	53.2	82	58.5	100	5.9	10	52.6	90	17.2	100	3.9	23	13.3	77	25.8	100	3.9	15	21.9	85
1975	54.4	100	8.5	16	45.9	84	61.3	100	7.3	12	54.0	88	18.7	100	3.3	18	15.4	82	31.7	100	5.6	18	26.1	82
1976	57.6	100	10.7	19	46.9	81	60.8	100	6.7	11	54.1	89	17.5	100	4.8	27	12.7	73	24.7	100	3.7	15	21.0	85
1977	64.3	100	14.5	23	49.8	77	60.9	100	6.5	11	54.4	89	18.7	100	5.5	29	13.2	71	21.4	100	3.0	14	18.4	86
1978	59.8	100	10.9	18	48.9	82	63.3	100	6.4	10	56.9	90	19.6	100	6.2	32	13.4	68	25.3	100	5.5	22	19.8	78
1979	66.0	100	14.8	22	51.2	78	66.0	100	6.5	10	59.5	90	23.1	100	9.3	40	13.8	60	22.1	100	3.9	18	18.2	82
1980	65.8	100	11.2	17	54.6	83	66.4	100	5.9	9	60.5	91	20.0	100	6.0	30	14.0	70	22.1	100	3.1	14	19.0	86
1981[g]	71.4	100	15.7	22	55.7	78	65.7	100	5.3	8	60.4	92	19.9	100	6.7	34	13.2	66	21.4	100	2.6	12	18.8	88
1982[g]	67.2	100	11.0	16	56.2	84	67.1	100	5.5	8	61.6	92							27.2	100	6.6	24	20.6	76

SOURCE: International Cotton Advisory Committee.

For earlier years' data, see the October 1960 and 1969 ORGANON issues, pages 167 & 176.

a. Bales of 478 pounds, except running bales for the United States through 1971.

b. **PRODUCTION** means actual ginnings or pressings during the August-July season. In some countries, unpressed cotton and estimates of production for household consumption and for delivery to mills are included. U.S. production also includes the city crop, etc. Note that U.S. production shown in the table on page 241 includes only the ginnings within the crop year shown.

c. **CONSUMPTION** includes raw cotton consumed in spinning mills and other factories plus estimates of household consumption.

d. **EXPORT** means the export of domestically produced cotton.

e. **CARRYOVER** includes mill stocks, port stocks and stocks in transit, etc. **U.S.A.** means the carryover of U.S. cotton in the world regardless of where located; **FOREIGN** means the carryover of foreign cotton in the world regardless of location.

f. Five-year averages.

g. The 1981 & 1982 data are preliminary.

WORLD RAW COTTON PRODUCTION[a]

THOUSAND BALES & *Percent*

SEASON BEGINNING AUGUST 1ST	WORLD TOTAL		NORTH & SOUTH AMERICA												PEOPLE'S REPUBLIC OF CHINA & E. EUROPE					
			BRAZIL		MEXICO		U.S.A.		OTHER N.A.[b]		OTHER S.A.[c]		TOTAL		CHINA		U.S.S.R.[d]		TOTAL	
	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	38,403	100	1,666	4.3	1,340	3.5	14,046	36.6	179	0.5	1,170	3.0	18,401	47.9	4,480	11.6	5,945	15.5	10,425	27.1
1955-1959	43,718	100	1,490	3.4	2,050	4.7	12,945	29.6	422	1.0	1,325	3.0	18,232	41.7	7,060	16.2	6,925	15.8	13,985	32.0
1960-1964	49,171	100	2,220	4.5	2,191	4.5	14,881	30.3	931	1.9	1,645	3.3	21,866	44.5	5,580	11.4	7,535	15.3	13,115	26.7
1965-1969	52,716	100	2,679	5.1	2,211	4.2	10,595	20.1	1,049	2.0	1,576	3.0	18,110	34.4	8,240	15.6	9,277	17.6	17,517	33.2
1970-1974	61,175	100	2,756	4.5	1,733	2.8	11,851	19.4	1,279	2.1	1,871	3.1	19,490	31.9	10,480	17.1	11,344	18.6	21,824	35.7
1975-1979	60,396	100	2,327	3.8	1,334	2.2	11,876	19.7	1,469	2.4	2,222	3.7	19,228	31.8	10,070	16.7	12,365	20.5	22,435	37.2
1970	54,412	100	2,740	5.0	1,440	2.6	10,269	18.9	895	1.7	1,509	2.8	16,853	31.0	9,200	16.9	10,900	20.1	20,100	37.0
1971	59,822	100	3,135	5.2	1,715	2.9	10,270	17.2	1,189	2.0	1,650	2.7	17,959	30.0	10,200	17.1	11,090	18.5	21,290	35.6
1972	65,266	100	3,000	4.7	1,780	2.8	13,890	22.0	1,268	2.0	1,869	3.0	21,807	34.5	9,800	15.5	11,205	17.7	21,005	33.2
1973	63,657	100	2,465	3.9	1,500	2.4	13,300	20.9	1,611	2.5	1,992	3.1	20,868	32.8	11,700	18.4	11,190	17.5	22,890	35.9
1974	64,716	100	2,440	3.8	2,230	3.5	11,525	17.8	1,430	2.2	2,357	3.6	19,982	30.9	11,500	17.8	12,335	19.0	23,855	36.8
1975	54,376	100	1,800	3.3	910	1.7	8,500	15.6	1,281	2.4	1,893	3.5	14,384	26.5	10,700	19.7	11,815	21.7	22,515	41.4
1976	57,569	100	2,510	4.4	1,045	1.8	10,650	18.5	1,562	2.7	2,302	4.0	18,069	31.4	10,000	17.4	12,125	21.0	22,125	38.4
1977	64,261	100	2,125	3.3	1,627	2.5	14,525	22.6	1,685	2.6	2,635	4.1	22,597	35.1	9,450	14.7	12,760	19.9	22,210	34.6
1978	59,794	100	2,550	4.3	1,570	2.6	10,885	18.2	1,668	2.8	2,080	3.5	18,753	31.4	10,000	16.7	12,055	20.2	22,055	36.9
1979	65,978	100	2,650	4.0	1,515	2.3	14,820	22.5	1,151	1.7	2,199	3.3	22,335	33.8	10,200	15.5	13,060	19.8	25,260	35.3
1980	65,797	100	2,870	4.3	1,625	2.5	11,200	17.0	1,180	1.8	1,955	3.0	18,830	28.6	12,500	19.0	14,275	21.7	26,775	40.7
1981[e]	71,442	100	2,900	4.1	1,445	2.0	15,700	22.0	900	1.2	2,200	3.1	23,145	32.4	13,700	19.2	13,790	19.3	27,490	38.5
1982[e]	67,227	100	2,900	4.3	975	1.4	11,000	16.4	852	1.3	1,611	2.4	17,338	25.8	14,600	21.7	13,890	20.7	28,490	42.4

SEASON BEGINNING AUGUST 1ST	WEST EUROPE TOTAL[f]		ASIA & OCEANIA										AFRICA							
			INDIA		PAKISTAN		TURKEY		OTHER[g]		TOTAL		EGYPT		SUDAN		OTHER[h]		TOTAL	
	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%	BALES	%
1950-1954	236	0.6	3,432	8.9	1,330	3.5	642	1.7	727	1.9	6,131	16.0	1,713	4.5	387	1.0	1,110	2.9	3,210	8.4
1955-1959	537	1.2	4,012	9.2	1,381	3.2	765	1.7	1,129	2.6	7,285	16.7	1,815	4.2	502	1.1	1,362	3.1	3,679	8.4
1960-1964	838	1.7	4,769	9.7	1,663	3.4	1,118	2.3	1,644	3.3	9,194	18.7	2,045	4.1	691	1.4	1,424	2.9	4,160	8.4
1965-1969	778	1.5	4,850	9.2	2,268	4.3	1,787	3.4	2,065	3.9	10,970	20.8	2,205	4.2	946	1.8	2,190	4.1	5,341	10.1
1970-1974	809	1.3	5,410	8.8	2,993	4.9	2,379	3.9	2,363	3.9	13,145	21.5	2,268	3.7	1,056	1.7	2,583	4.2	5,907	9.6
1975-1979	803	1.3	5,700	9.4	2,536	4.2	2,291	3.8	2,381	4.0	12,908	21.4	1,936	3.2	665	1.1	2,425	4.0	5,024	8.3
1970	785	1.4	4,400	8.1	2,502	4.6	1,845	3.4	2,041	3.7	10,788	19.8	2,346	4.3	1,130	2.1	2,412	4.4	5,888	10.8
1971	759	1.3	5,800	9.7	3,263	5.5	2,420	4.0	2,238	3.7	13,721	22.9	2,351	3.9	1,125	1.9	2,637	4.4	6,113	10.2
1972	916	1.4	5,370	8.5	3,237	5.1	2,505	4.0	2,479	3.9	13,591	21.5	2,369	3.7	920	1.5	2,658	4.2	5,947	9.4
1973	717	1.1	5,530	8.7	3,037	4.8	2,365	3.7	2,416	3.8	13,348	21.0	2,258	3.6	1,090	1.7	2,486	3.9	5,834	9.2
1974	869	1.3	5,950	9.2	2,925	4.5	2,760	4.3	2,640	4.1	14,275	22.1	2,018	3.1	1,015	1.6	2,722	4.2	5,755	8.9
1975	813	1.5	5,350	9.8	2,370	4.4	2,215	4.1	2,239	4.1	12,174	22.4	1,762	3.2	500	0.9	2,228	4.1	4,490	8.2
1976	733	1.3	4,950	8.6	2,006	3.5	2,190	3.8	2,401	4.1	11,547	20.0	1,828	3.2	735	1.3	2,532	4.4	5,095	8.9
1977	928	1.4	5,680	8.9	2,651	4.1	2,650	4.1	2,489	3.9	13,470	21.0	1,840	2.9	915	1.4	2,301	3.6	5,056	7.9
1978	855	1.4	6,220	10.4	2,183	3.6	2,200	3.7	2,434	4.1	13,037	21.8	2,022	3.4	640	1.1	2,432	4.0	5,094	8.5
1979	684	1.0	6,300	9.5	3,470	5.3	2,200	3.3	2,343	3.6	14,313	21.7	2,230	3.4	525	0.8	2,631	4.0	5,386	8.2
1980	814	1.3	6,160	9.4	3,300	5.0	2,250	3.4	2,277	3.4	13,967	21.2	2,440	3.7	455	0.7	2,516	3.8	5,411	8.2
1981[e]	908	1.3	6,275	8.8	3,365	4.7	2,250	3.1	2,690	3.8	14,580	20.4	2,575	3.3	750	1.0	2,214	3.1	5,519	7.4
1982[e]	748	1.1	6,500	9.7	3,700	5.5	2,100	3.1	2,796	4.1	15,096	22.4	2,100	3.2	800	1.2	2,655	3.9	5,555	8.3

SOURCE: International Cotton Advisory Committee.

a. See footnote (a) on the opposite page.

b. Other North America baleages are principally from El Salvador, Guatemala & Nicaragua.

c. Other South America baleages are principally from Argentina, Colombia, Paraguay & Peru.

d. U.S.S.R. figures include nominal baleages for Albania & Bulgaria.

e. The 1981 and 1982 data are preliminary.

f. West Europe baleages are principally from Greece & Spain.

g. Other Asia & Oceania baleages are chiefly from Australia, Iran, Israel & Syria.

h. Other Africa baleages are principally from Angola, Chad, Mozambique, Nigeria, South Africa, Tanzania, Uganda, Zaire & Zimbabwe.

SUPPLY AND DISTRIBUTION OF DOMESTIC & FOREIGN RAW COTTON IN THE U.S. FOR THE SEASONS BEGINNING AUGUST 1ST

THOUSAND RUNNING BALES[a]

SUPPLY & DISTRIBUTION	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982[b]
SUPPLY												
BEGINNING STOCK (AUGUST 1ST)	4,252	3,234	3,929	3,745	5,481	3,594	2,920	5,326	3,782	3,027	2,668	6,600
NET IMPORTS	72	30	48	34	88	38	5	4	5	28	22	20
U.S. PRODUCTION (GINNINGS)[c]	10,147	13,230	12,753	11,213	8,199	10,385	14,077	10,477	14,390	10,671	15,733	12,100
CITY CROP (EST.)[d]	40	10	20	10	5	10	+	+	+	131	266	180
TOTAL SUPPLY	**14,511**	**16,504**	**16,750**	**15,000**	**13,773**	**14,027**	**17,002**	**15,807**	**18,177**	**13,857**	**18,689**	**18,900**
DISTRIBUTION												
NET EXPORTS	3,219	5,000	5,746	3,746	3,247	4,565	5,219	5,850	8,779	5,611	7,015	5,400
U.S. CONSUMPTION	8,039	7,471	7,169	5,629	6,995	6,478	6,236	6,098	6,261	5,660	5,556	5,400
ADJUSTMENT ITEM[e]	19	104	92	144	63	64	221	77	110	g	133	100
ENDING STOCK (JULY 31ST)	3,234	3,929	3,745	5,481	3,594	2,920	5,326	3,782	3,027	2,586	5,985	8,000
PRIVATELY OWNED	2,977	3,731	3,525	4,597	3,485	2,604	4,057	3,145	2,485	1,934		
GOVERNMENT CONTROLLED[f]	257	198	218	884	111	316	1,269	637	542	652[h]		
TOTAL DISTRIBUTION	**14,511**	**16,504**	**16,750**	**15,000**	**13,773**	**14,027**	**17,002**	**15,807**	**18,177**	**13,857**	**18,689**	**18,900**

SOURCES: U.S. Census Bureau, *Current Industrial Report M22 P, USDA Cotton and Wool Situation*, and the New York Cotton Exchange Service Bureau.

For earlier years' data, see page 178 of the October 1967 *Organon* and page 158 of the October 1978 issue.

a. Foreign imports in equivalent 500 pound bales.

b. 1982 data estimated except for beginning stock.

c. Total ginnings within the crop year shown. Note that U.S. production given in the world tables on pages 237and 238 also includes city crop, etc.

d. City crop consists of rebaled samples and pickings from cotton damaged by fire and weather (partially estimated).

e. The Census Bureau's difference between supply and distribution resulting from baleage destroyed, cotton in transit, etc.

f. Loan and pooled cotton under CCC and earlier programs.

g. Included in city crop above.

h. Preliminary data, subject to revision.

U.S. CALENDAR YEAR IMPORTS & EXPORTS OF RAW COTTON & COTTON PRODUCTS

THOUSAND RUNNING BALES

PRODUCTS	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
IMPORTS																
RAW COTTON	100	169	95	46	37	38	75	33	46	50	96	9	3	6	17	26
COTTON YARN	212	91	119	65	51	66	82	53	27	24	54	27	65	25	39	48
MANUFACTURED GOODS[a]	851	833	868	952	914	960	1,190	1,121	1,020	1,020	1,422	1,368	1,698	1,529	1,650	1,956
TOTAL	**1,163**	**1,093**	**1,082**	**1,063**	**1,002**	**1,064**	**1,347**	**1,207**	**1,093**	**1,094**	**1,572**	**1,404**	**1,764**	**1,560**	**1,706**	**2,030**
EXPORTS																
RAW COTTON	3,597	3,973	3,870	2,397	2,982	4,128	3,089	5,487	5,171	3,840	3,431	4,448	5,875	6,649	7,975	6,567
COTTON YARN	14	12	9	78	32	34	37	32	37	25	25	21	42	59	64	45
MANUFACTURED GOODS[a]	381	381	383	406	383	438	568	645	781	712	836	749	699	940	1,037	720
TOTAL	**3,992**	**4,366**	**4,262**	**2,881**	**3,397**	**4,600**	**3,694**	**6,164**	**5,989**	**4,577**	**4,292**	**5,218**	**6,616**	**7,648**	**9,076**	**7,332**
IMPORT BALANCE[b]																
COTTON YARN+ MANUFACTURED GOODS[a]	+668	+531	+595	+533	+550	+554	+667	+497	+229	+307	+615	+625	+1,020	+555	+588	+1,239

SOURCES: U.S. Census Bureau and Department of Agriculture.

Raw cotton data are actual bales. Cotton yarn and manufactured goods data are the USDA raw cotton equivalents of these imports and exports.

a. Includes thread, twine, cordage, woven & knit cloth, all types of apparel, household items and other items such as industrial belts & belting, bags, braids and narrow fabrics.

b. Import balance (+) and export balance (-).

For additional details in pounds, see page 197 of the October 1982 *Organon*.

U.S. COTTON ACREAGE & YIELD

SEASON BEGINNING AUG. 1	THOUSAND ACRES		YIELD[a]	PRODUCTION
	ALLOTMENT	HARVESTED	LBS	THOUS. BALES[b]
1964	16,000	14,057	517	15,145
1965	16,000	13,615	527	14,938
1966	16,000	9,552	480	9,557
1967	16,000	7,997	447	7,443
1968	16,000	10,160	516	10,926
1969	16,000	11,055	434	9,990
1970	17,000	11,155	438	10,184
1971	11,500	11,471	438	10,477
1972	11,500c	12,984	507	13,704
1973	10,000c	11,970	520	12,974
1974	11,000c	12,567	441	11,540
1975	11,000c	8,796	453	8,502
1976	11,000c	10,914	465	10,581
1977	11,000c	13,282	520	14,389
1978	11,000c	12,370	421	10,856
1979		12,831	547	14,629
1980		13,215	404	11,122
1981		13,841	543	15,700
1982[d]		9,500	553	11,000

SOURCE: International Cotton Advisory Committee.

a. Yield per harvested acre.

b. Production for the crop year in 480-pound net weight bales, regardless of when ginned. Does not include adjustment for city crop, etc., as in the table above.

c. National base acreage allotments for price support payments.

d. International Cotton Advisory Committee estimate.

WORLD RAW WOOL PRODUCTION BY THE PRINCIPAL PRODUCING COUNTRIES[a]

MILLION POUNDS, GREASY BASIS & *Percent*

YEAR[b]	AUSTRALIA		NEW ZEALAND		SOUTH AFRICA[c]		ARGENTINA		URUGUAY		UNITED STATES		UNITED KINGDOM		TURKEY		E. EUROPE & CHINA[d]		ALL OTHERS[e]		WORLD TOTAL	
	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%
1935-39[f]	1,018	26.3	309	8.0	263	6.8	377	9.8	118	3.1	439	11.4	111	2.9	60	1.5	293	7.6	875	22.6	3,863	100
1940-44[f]	1,129	27.4	344	8.3	254	6.2	500	12.1	137	3.3	462	11.2	102	2.5	68	1.7	306	7.4	821	19.9	4,123	100
1945-49[f]	1,023	26.9	370	9.7	222	5.8	452	11.9	161	4.2	332	8.7	85	2.2	71	1.9	410	10.8	684	17.9	3,810	100
1950-54[f]	1,202	27.6	419	9.6	272	6.3	401	9.2	193	4.4	289	6.6	96	2.2	76	1.7	667	15.3	745	17.1	4,360	100
1955-59[f]	1,537	29.5	513	9.8	313	6.0	406	7.8	184	3.5	305	5.9	113	2.2	90	1.7	945	18.2	800	15.4	5,206	100
1960-64[f]	1,713	30.2	607	10.7	304	5.4	413	7.3	187	3.3	295	5.2	127	2.2	98	1.7	1,132	20.0	796	14.0	5,672	100
1965-69[f]	1,836	30.7	717	12.0	310	5.2	454	7.6	181	3.0	222	3.7	123	2.1	100	1.7	1,216	20.3	817	13.7	5,976	100
1970-74[f]	1,764	30.6	681	11.8	246	4.2	410	7.1	138	2.4	169	2.9	106	1.8	110	1.9	1,339	23.2	813	14.1	5,776	100
1975-79[f]	1,567	26.5	707	12.0	230	3.9	385	6.5	145	2.5	113	1.9	106	1.8	122	2.1	1,549	26.3	975	16.5	5,899	100
1965	1,663	29.0	695	12.1	329	5.7	430	7.5	183	3.2	241	4.2	129	2.3	95	1.7	1,138	19.9	826	14.4	5,729	100
1966	1,762	30.1	709	12.1	292	5.0	441	7.5	178	3.0	236	4.0	132	2.3	97	1.7	1,178	20.1	828	14.2	5,853	100
1967	1,770	29.5	728	12.2	304	5.1	494	8.2	185	3.1	227	3.8	128	2.1	101	1.7	1,239	20.7	818	13.6	5,994	100
1968	1,949	31.6	732	11.9	313	5.1	461	7.5	181	2.9	211	3.4	119	1.9	106	1.7	1,292	20.9	811	13.1	6,175	100
1969	2,035	33.2	723	11.8	310	5.0	445	7.3	176	2.9	194	3.2	106	1.7	103	1.7	1,235	20.1	804	13.1	6,131	100
1970	1,964	32.2	736	12.1	271	4.4	441	7.2	172	2.8	187	3.1	101	1.7	104	1.7	1,303	21.3	828	13.5	6,107	100
1971	1,941	32.5	710	11.9	258	4.3	417	7.0	119	2.0	181	3.0	104	1.7	106	1.8	1,327	22.2	809	13.6	5,972	100
1972	1,620	29.1	681	12.2	236	4.2	390	7.0	132	2.4	176	3.2	106	1.9	110	2.0	1,310	23.6	799	14.4	5,560	100
1973	1,545	28.2	628	11.5	231	4.2	397	7.3	132	2.4	159	2.9	108	2.0	115	2.1	1,343	24.5	816	14.9	5,474	100
1974	1,748	30.3	648	11.2	238	4.1	406	7.0	141	2.5	143	2.5	110	1.9	115	2.0	1,413	24.5	809	14.0	5,771	100
1975	1,662	28.8	688	11.9	238	4.1	414	7.2	152	2.6	128	2.2	108	1.9	117	2.0	1,430	24.8	837	14.5	5,774	100
1976	1,550	27.0	668	11.7	227	4.0	388	6.8	141	2.5	117	2.0	106	1.8	119	2.1	1,435	25.0	983	17.1	5,734	100
1977	1,493	25.6	686	11.8	234	4.0	379	6.5	137	2.3	112	1.9	101	1.7	121	2.1	1,583	27.1	992	17.0	5,838	100
1978	1,556	26.0	708	11.8	225	3.8	377	6.3	139	2.3	104	1.7	108	1.8	126	2.1	1,620	27.1	1,020	17.1	5,983	100
1979	1,572	25.5	787	12.8	227	3.7	366	5.9	154	2.5	106	1.7	106	1.7	126	2.1	1,678	27.2	1,042	16.9	6,164	100
1980	1,545	24.7	840	13.4	231	3.7	359	5.7	163	2.6	106	1.7	112	1.8	126	2.0	1,713	27.3	1,070	17.1	6,265	100
1981	1,567	24.6	827	13.0	236	3.7	381	6.0	159	2.5	112	1.7	112	1.8	134	2.1	1,794	28.1	1,056	16.5	6,378	100
1982[g]	1,563	24.4	838	13.1	238	3.7	386	6.0	165	2.6	112	1.7	110	1.7	134	2.1	1,794	27.9	1,078	16.8	6,418	100

SOURCE: The Commonwealth Secretariat (London).

a. Apparel plus carpet class shorn wool, as well as pulled wool and wool on skins, mostly at the shorn equivalent.

b. Calendar years for Northern Hemisphere nations; season beginning July first or October first for Southern Hemisphere countries.

c. Excludes Lesotho and South West Africa.

d. Includes U.S.S.R. & Romania only in 1945 and prior years. For 1946 forward, Albania, Bulgaria, People's Republic of China, Czechoslovakia, East Germany, Hungary, Outer Mongolia & Tibet, Poland and Yugoslavia are also included.

e. Also includes China and Eastern European countries, except U.S.S.R. & Romania, in 1945 and prior years.

f. Five-year averages.

g. Preliminary estimates.

DISAPPEARANCE OF WOOL IN THE U.S.[a]

MILLION POUNDS, SCOURED BASIS

ITEM	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
MILL CONSUMPTION OF WOOL														
APPAREL CLASS DOMESTIC	157.3	167.7	116.9	101.5	145.7	121.1	86.1	99.5	92.3	87.0	91.2	92.1	77.4	} 142.2
FOREIGN	129.7	93.5	79.8	42.7	24.8	19.6	11.8	16.6	38.4	34.2	37.3	32.4	47.5	
TOTAL APPAREL CLASS	287.0	261.2	196.7	144.2	170.5	140.7	97.9	116.1	130.7	121.2	128.5	124.5	124.7	142.2
CARPET CLASS FOREIGN	91.3	93.7	76.6	75.1	76.4	41.4	18.6	15.9	15.2	12.7	13.1	9.9	9.2	10.7
SUBTOTAL ABOVE[b]	**378.3**	**354.9**	**273.3**	**219.3**	**246.9**	**182.1**	**116.5**	**132.0**	**145.9**	**133.9**	**141.6**	**134.4**	**133.9**	**152.9**
CONSUMED ON THE COTTON SYSTEM[c]	5.0	4.3	4.4	3.1	2.0	1.5	1.0	0.8	3.0	4.1	3.0	2.5	3.8	2.7
TOTAL RAW WOOL	**383.3**	**359.2**	**277.7**	**222.4**	**248.9**	**183.6**	**117.5**	**132.8**	**148.9**	**138.0**	**144.6**	**136.9**	**137.7**	**155.6**
REPROCESSED CARPET	5.8	5.4	3.5	2.6	2.8	1.7	0.8	0.7	}					
OTHER	24.1	28.2	23.8	19.5	17.0	15.8	15.9	} 14.1	}	14.8	16.7	16.8	17.0	10.5	10.0
REUSED OTHER	3.7	3.1	3.9	2.6	2.6	2.3	1.9		}					
TOTAL ABOVE	**416.9**	**395.9**	**308.9**	**247.1**	**271.3**	**203.4**	**136.1**	**147.6**	**163.7**	**154.7**	**161.4**	**153.9**	**148.2**	**165.6**
WOOL CONTENT OF IMPORTS														
TOPS[d]	6.6	4.5	4.4	2.7	0.4	0.3	0.5	0.3	0.4	0.9	0.6	0.4	0.3	0.3
YARNS	10.9	8.6	8.1	7.7	6.3	4.9	5.4	4.1	5.4	5.8	5.5	3.8	3.9	4.7
CARPETS & RUGS	9.3	9.2	7.8	9.2	12.3	13.6	12.5	11.4	14.1	14.8	13.9	13.9	16.9	18.1
WOVEN FABRICS[e]	33.6	30.2	24.9	12.4	9.5	12.9	9.6	8.8	12.6	19.1	26.4	22.2	21.5	27.8
KNIT APPAREL	32.9	30.6	25.2	21.3	20.0	15.0	12.7	12.2	18.9	25.8	22.3	19.1	24.4	22.8
OTHER APPAREL	8.5	10.9	12.9	9.9	11.2	12.4	11.2	10.7	14.1	18.3	22.6	20.1	17.3	18.1
OTHER MANUFACTURES[f]	2.5	2.2	2.6	3.0	3.3	2.2	1.4	1.1	1.2	1.2	0.9	1.1	0.8	0.9
TOTAL IMPORTS[g]	**104.3**	**96.2**	**85.9**	**66.2**	**63.0**	**61.3**	**53.3**	**48.6**	**66.7**	**85.9**	**92.2**	**80.6**	**85.1**	**92.7**
WOOL CONTENT OF EXPORTS														
CARPET	0.8	1.0	0.9	1.2	1.1	1.9	2.5	1.9	2.3	2.0	0.7	0.3	0.3	0.2
OTHER	4.9	4.2	4.0	8.2	29.5	28.9	20.5	17.3	11.6	9.5	10.9	13.7	23.5	11.6
TOTAL EXPORTS[g]	**5.7**	**5.2**	**4.9**	**9.4**	**30.6**	**30.8**	**23.0**	**19.2**	**13.9**	**11.5**	**11.6**	**14.0**	**23.8**	**11.8**
NET IMPORTS	**98.6**	**91.0**	**81.0**	**56.8**	**32.4**	**30.5**	**30.3**	**29.4**	**52.8**	**74.4**	**80.6**	**66.6**	**61.3**	**80.9**
TOTAL DISAPPEARANCE	**515.5**	**486.9**	**389.9**	**303.9**	**303.7**	**233.9**	**166.4**	**177.0**	**216.5**	**229.1**	**242.0**	**220.5**	**209.5**	**246.5**
DISAPPEARANCE IN CARPETS & RUGS														
CARPET WOOL CONSUMPTION	97.1	99.1	80.1	77.7	79.2	43.1	19.4	16.6	15.5	12.8	13.2	10.9	10.4	10.7
IMPORTS OF CARPETS	9.3	9.2	7.8	9.2	12.3	13.6	12.5	11.4	14.1	14.8	13.9	13.9	16.9	18.1
EXPORTS OF CARPETS	0.8	1.0	0.9	1.2	1.1	1.9	2.5	1.9	2.3	2.0	0.7	0.3	0.3	0.2
TOTAL	**105.6**	**107.3**	**87.0**	**85.7**	**90.4**	**54.8**	**29.4**	**26.1**	**27.3**	**25.6**	**26.4**	**24.5**	**27.0**	**29.0**
% Imports of Total	*9*	*8½*	*9*	*10½*	*13½*	*25*	*42½*	*43½*	*51½*	*58*	*52½*	*56½*	*62½*	*62½*
DISAPPEARANCE IN ALL OTHER PRODUCTS														
OTHER WOOL CONSUMPTION	319.8	296.8	228.8	169.4	192.1	160.3	116.7	131.0	148.2	141.9	148.2	143.0	137.8	146.1
IMPORTS	95.0	87.0	78.1	57.0	50.7	47.7	40.8	37.2	52.6	71.1	78.5	66.7	68.2	83.2
EXPORTS	4.9	4.2	4.0	8.2	29.5	28.9	20.5	17.3	11.6	9.5	10.9	13.7	23.5	12.3
TOTAL	**409.9**	**379.6**	**302.9**	**218.2**	**213.3**	**179.1**	**137.0**	**150.9**	**189.2**	**203.5**	**215.6**	**196.0**	**182.5**	**217.0**
% Imports of Total	*23*	*23*	*26*	*26*	*24*	*26½*	*30*	*24½*	*28*	*35*	*36½*	*34*	*37½*	*38½*

a. Calendar years.

b. Agrees with *Organon's* Selected U.S. Monthly Textile Fiber Data table.

c. Raw wool consumed on the cotton spinning system.

d. Tops includes advanced wool.

e. Includes pile fabrics & manufactures, blankets, tapestry & upholstery, press & billiard cloths, car robes, etc.

f. Includes knit fabrics in the piece and miscellaneous manufactures not elsewhere specified.

g. March *Organon* page 45 or as revised later.

WORLD PRODUCTION OF MAN-MADE FIBERS, RAW COTTON AND RAW WOOL
PERCENT DISTRIBUTION BY GEOGRAPHIC REGION
MILLION POUNDS

COUNTRY/ REGION	1971								1976								1981							
	MAN-MADE		COTTON		WOOL		TOTAL		MAN-MADE		COTTON		WOOL		TOTAL		MAN-MADE		COTTON		WOOL		TOTAL	
	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%	LBS	%
WEST EUROPE	6,550.9	*89.0*	362.8	*4.9*	449.7	*6.1*	7,363.4	*100.0*	7,640.0	*90.3*	350.4	*4.2*	467.4	*5.5*	8,457.8	*100.0*	7,541.9	*89.2*	434.0	*5.1*	483.0	*5.7*	8,458.9	*100.0*
EAST EUROPE[a]	2,928.2	*20.3*	10,176.6	*70.4*	1,351.4	*9.3*	14,456.2	*100.0*	4,839.9	*28.7*	10,575.7	*62.7*	1,455.0	*8.6*	16,870.6	*100.0*	6,292.1	*29.6*	13,140.2	*61.8*	1,814.0	*8.6*	21,246.3	*100.0*
TOTAL EUROPE	**9,479.1**	*43.4*	**10,539.4**	*48.3*	**1,801.1**	*8.3*	**21,819.6**	*100.0*	**12,479.9**	*49.3*	**10,926.1**	*43.1*	**1,922.4**	*7.6*	**25,328.4**	*100.0*	**13,834.0**	*46.6*	**13,574.2**	*45.7*	**2,297.0**	*7.7*	**29,705.2**	*100.0*
OTHER AFRICA, ASIA & OCEANIA[b]	4,779.7	*27.2*	9,480.6	*54.1*	3,277.8	*18.7*	17,538.1	*100.0*	6,252.5	*36.4*	7,954.9	*46.3*	2,964.9	*17.3*	17,172.3	*100.0*	8,377.7	*39.6*	9,511.7	*45.0*	3,259.0	*15.4*	21,148.4	*100.0*
OTHER AMERICAS	1,000.9	*18.6*	3,665.8	*68.2*	712.1	*13.2*	5,378.8	*100.0*	1,680.6	*28.2*	3,546.3	*59.5*	729.7	*12.3*	5,956.6	*100.0*	2,032.7	*32.3*	3,558.7	*56.5*	710.0	*11.2*	6,301.4	*100.0*
U.S.A.	5,682.9	*52.7*	4,909.1	*45.6*	181.0	*1.7*	10,773.0	*100.0*	7,468.9	*58.9*	5,090.7	*40.2*	117.0	*0.9*	12,676.6	*100.0*	8,767.3	*53.5*	7,504.6	*45.8*	112.0	*0.7*	16,383.9	*100.0*
WORLD TOTAL	**20,942.6**	*37.7*	**28,594.9**	*51.5*	**5,972.0**	*10.8*	**55,509.5**	*100.0*	**27,881.9**	*45.6*	**27,518.0**	*45.0*	**5,734.0**	*9.4*	**61,133.9**	*100.0*	**33,011.7**	*44.9*	**34,149.2**	*46.4*	**6,378.0**	*8.7*	**73,538.9**	*100.0*

Man-Made Fiber totals are taken from the July 1982 *Organon*. Raw Cotton totals are taken from the table on page 238 of this issue. Raw Wool totals are taken from the table on page 240 of this issue.

a. East Europe includes People's Republic of China and USSR.
b. Other Africa, Asia & Oceania includes Japan.

COUNTRY/REGION	PERCENT CHANGE 1971-1981			
	MAN-MADE	COTTON	WOOL	TOTAL
	%	%	%	%
WEST EUROPE	*+15.1*	*+19.6*	*+7.4*	*+14.9*
EAST EUROPE	*+114.9*	*+29.1*	*+34.2*	*+47.0*
TOTAL EUROPE	***+45.9***	***+28.8***	***+27.5***	***+36.1***
OTHER A, A & O	*+75.3*	*+0.3*	*-0.6*	*+20.6*
OTHER AMERICAS	*+103.1*	*-2.9*	*-0.3*	*+17.1*
U.S.A.	*+54.3*	*+52.9*	*-38.1*	*+52.1*
WORLD TOTAL	***+57.6***	***+19.4***	***+6.8***	***+32.5***

1981 MAN-MADE FIBER PRODUCTION, IMPORT, EXPORT & NET AVAILABLE SUPPLY BY COUNTRY (EXCEPT OLEFIN & TEXTILE GLASS)

MILLION POUNDS

COUNTRY & AREA	CELLULOSIC								NONCELLULOSIC								TOTAL MAN-MADE FIBERS					
	YARN				STAPLE+TOW				YARN				STAPLE+TOW									
	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMP	EXP	AVAIL	PROD	IMPORT	EXPORT	CELL SPUN	NC SPUN	NET AVAIL
WEST EUROPE																						
AUSTRIA	33.5	10.2	29.1	14.6	224.0	6.0	183.9	46.1	0	55.8	9.9	45.9	52.9	45.9	41.9	56.9	310.4	117.9	264.8	-80.9	-7.1	125.5
BENELUX	85.1	34.2	97.4	21.9	32.2	71.2	60.6	42.8	177.3	352.7	246.0	284.0	55.8	236.6	89.7	202.7	350.4	694.7	493.7	+55.3	+44.8	631.5
IRELAND (EIRE)	0	3.1		3.1	0	2.4	1.8	0.6	16.5	39.5	29.1	26.9	69.0	88.4	86	148.8	85.5	133.4	89.5		-1.8	177.6
FINLAND	0	2.0	0.2	1.8	102.7	10.1	93.0	19.8	1.3	27.3	1.8	26.8	0	26.5		26.5	104.0	65.9	95.0	+2.9	+7.5	85.5
FRANCE	24.2	57.3	30.9	50.6	94.6	36.6	68.8	62.4	146.4	174.6	121.9	199.1	297.2	212.7	176.6	333.5	562.4	481.2	598.2	+2.6	+2.9	650.9
GERMANY, FED. REP. OF	143.3	53.6	98.8	98.1	110.2	79.8	76.7	113.3	707.0	218.5	616.8	308.7	951.3	191.1	720.9	421.5	1911.8	543.0	1513.2	2.2	+6.8	946.2
GREECE	15.9	0.2	24.5	-8.4	0	8.8		8.8	19.9	13.2	14.8	18.3	22.9	57.1	6.0	74.0	58.7	79.3	45.3	-0.4	-0.8	85.5
ITALY, MALTA	77.4	39.0	31.1	85.3	55.8	59.1	13.2	90.7	329.8	119.7	254.0	195.5	631.2	262.3	390.4	503.1	1092.2	480.1	688.7	-14.6	-132.3	736.7
NORWAY	0	1.1		1.1	62.6	1.8	59.1	5.3	0	12.1	1.3	10.8	0	9.5	0.2	9.1	62.6	24.5	60.6	+0.7	+5.1	30.1
PORTUGAL	6.4	3.5	0.7	9.2	2.2	23.8		26.0	3.1	37.1	3.1	37.1	74.9	21.6	11.7	84.8	86.0	86.0	15.5	-4.2	-4.6	148.5
SPAIN	27.8	2.4	7.0	23.2	83.3	19.4	17.0	85.7	159.4	18.1	26.7	150.8	372.5	75.4	116.2	331.5	642.8	115.5	166.9	-5.5	-24.7	563.2
SWEDEN	0	5.7	1.8	3.9	76.5	12.1	66.6	22.0	0.2	31.5	3.5	28.0	0	17.2	0.2	17.0	76.7	66.5	72.1	+0.7	+8.4	80.0
SWITZERLAND	3.3	0.2	1.5	2.0	0	20.3		20.3	135.8	14.3	145.7	4.4	48.5	29.5	50.1	27.9	187.6	64.5	197.3	+1.8	-6.4	50.0
TURKEY	0.7	4.4	0	5.1	11.0	4.0	0	15.0	58.4	21.8	0.2	80.0	143.5	14.1	5.7	151.7	213.4	44.5	5.9	0	+13.9	265.7
UNITED KINGDOM	59.5	32.9	48.3	44.1	225.8	65.5	196.2	95.1	219.1	234.6	130.5	317.2	529.4	153.9	217.8	265.5	833.8	486.9	598.8	+0.4	+48.7	772.0
TOTAL WEST EUROPE	**477.1**	**249.8**	**371.3**	**355.6**	**1078.9**	**420.9**	**836.9**	**662.9**	**1974.2**	**1370.6**	**1611.3**	**1733.5**	**3048.7**	**1441.6**	**1836.0**	**2654.3**	**6578.9**	**3482.9**	**4655.5**	**-11.2**	**-47.6**	**5347.5**
U.S.A.	**305.6**	**10.8**	**36.4**	**280.0**	**464.5**	**16.8**	**62.2**	**419.1**	**3172.0**	**22.7**	**398.2**	**2796.5**	**4049.2**	**64.2**	**790.8**	**3322.6**	**7991.3**	**114.5**	**1287.6**	**+0.2**	**-22.3**	**6796.1**
OTHER AMERICAS																						
ARGENTINA	2.2	1.6		3.8	0	2.4	0	2.4	35.3	6.0		41.3	18.5	13.7	0.7	31.5	55.8	23.7	0.7		-0.7	78.1
BRAZIL	46.3	1.1	8.4	39.0	55.8	1.3	2.0	55.1	253.5	10.1	1.3	262.3	191.4	14.1	8.8	196.7	547.0	26.6	20.5		+0.4	553.5
CANADA	29.7	17.2	11.3	35.6	62.1	4.0	43.4	22.7	145.5	59.5	51.4	153.4	90.8	92.8	20.2	163.4	333.9	173.5	132.3	0	+12.8	387.9
CHILE	2.2	0.9		3.1	6.6	2.6	0	9.2	11.0	4.8	0	15.8	5.5	12.8	0	18.3	25.3	21.1			-0.7	45.7
COLOMBIA	4.0	0.2	0.2	4.0	0	2.0	0	2.0	44.5	4.0	0	48.5	24.7	7.7	0	32.4	73.2	13.9	0.2		0.4	80.5
COSTA RICA	0	0.4	0.4	0	0		0		6.6	4.6		11.2	0	5.1		5.1	6.6	10.1	0.4			16.5
CUBA	4.8	0.4	0.4	4.8	8.4	1.8	0	10.2	0	2.9	0	2.9	0	4.2	0	4.2	13.2	9.3	0.4	0.4	0.9	20.8
ECUADOR	0	1.1	1.1	0	0	3.3	0	3.3	7.7	6.6		14.3	0	12.6	0	12.6	7.7	23.6	1.1		-0.2	50.0
MEXICO	36.6	0.7	0.7	36.6	24.9	9.3	5.7	28.5	295.7	14.8	4.8	305.7	237.2	12.8	4.2	245.8	594.4	37.6	15.4		+0.7	617.3
PERU	2.9	1.3		4.2	0	4.6		4.6	22.5	4.8	0.9	26.2	46.5	3.5		50.0	71.7	14.2	0.9	0	-0.2	84.8
URUGUAY	2.2	0.2	0.9	1.5	0	5.3	0	5.3	2.0	2.0	0.7	3.3	4.6	2.8	1.1	6.3	8.8	10.3	2.7			16.4
VENEZUELA	6.2	2.2	2.2	6.2	0	16.8	0	16.8	24.7	30.0	0	54.7	13.2	2.0	0	15.2	44.1	51.0	2.2		-0.4	92.5
TOTAL OTHER AMERICAS	**137.1**	**27.3**	**25.6**	**138.8**	**157.8**	**53.4**	**51.1**	**160.1**	**848.6**	**150.1**	**59.1**	**939.6**	**638.2**	**184.1**	**41.0**	**781.3**	**1781.7**	**414.9**	**176.8**	**-0.4**	**+10.4**	**2029.8**
JAPAN	**261.7**	**1.3**	**112.7**	**150.3**	**602.9**	**0.9**	**311.9**	**291.9**	**1338.2**	**59.5**	**278.7**	**1119.0**	**1591.3**	**31.1**	**580.9**	**1041.5**	**3794.1**	**92.8**	**1284.2**	**-9.5**	**-103.8**	**2489.4**
AFRICA, ASIA & OCEANIA																						
AUSTRALIA, N.Z.	0	7.1		7.1	0	7.9		7.9	22.0	41.2		63.2	0	44.7		44.7	22.0	100.9		-1.3	-26.9	94.7
BANGLADESH	6.6			6.6	0	13.7	0	13.7	0.4	2.9	0	3.3	0	0.9	0	0.9	7.0	17.5		0	0.2	24.5
EGYPT	13.2	0.9	0	14.1	8.8		0.2	8.6	4.4	20.3		24.7	11.0	15.2	1.5	24.7	37.4	36.4	1.7	0.2	4.9	67.0
INDIA	123.3	7.1	2.2	128.2	208.3	188.1		396.4	110.9	65.0		175.9	87.7	11.0		98.7	530.2	271.2	2.2		-0.6	798.6
INDONESIA	0	8.6	0	8.6	0	62.6	0	62.6	102.3	32.4	1.3	133.4	121.5	46.7		168.2	223.8	150.3	1.3	1.3	8.8	362.7
IRAN	0	16.5	0	16.5	0	81.8	0	81.8	8.8	27.8	0	36.6	0	57.8		57.8	8.8	183.9		3.3	49.6	139.8
IRAQ	6.6	3.7	0	10.3	12.1	3.5	0	15.6	0	23.1	0	23.1	0	10.4	0	10.4	18.7	40.7	0	0.7	9.9	48.8
ISRAEL	0	1.1		1.1	0	1.1	0	1.1	23.1	20.1	10.4	32.8	15.0	11.7	4.0	22.1	38.1	84.0	15.0	0.4	5.3	51.4
KENYA	0	0.7	0	0.7	0	2.4	0	2.4	2.2	3.5	0	5.7	0	10.6	0	10.6	2.2	17.2	0	0.7	-0.9	17.8
KOREA, REPUBLIC OF	28.2	20.9	4.0	45.1	30.7	26.5	11.3	45.9	625.7	47.8	38.6	634.9	719.6	28.4	56.9	691.1	1404.2	123.6	110.8	-6.0	-129.6	1281.4
MALAYSIA	0	1.3		1.3	0	82.7		82.7	0	44.3	0.2	44.1	79.3	17.2	0.7	95.8	79.3	145.5	0.9	+0.2	-1.8	222.3
NIGERIA	0	3.3	0	3.3	0	4.8	0	4.8	6.0	21.2	1.8	25.4	5.5	2.6	4.4	3.7	11.5	31.9	6.2	4.4	-20.5	12.5
PAKISTAN	5.3	5.1	0	10.4	0	36.8	0	36.8	3.3	49.6	0	52.9	0	34.8		34.8	8.6	120.3		0.4	3.5	131.0
PHILIPPINES	0	1.1	0	1.1	0	48.3	0	48.3	70.5	15.2	4.8	80.9	35.1	41.5		76.6	105.6	106.1	4.8		0	204.9
SOUTH AFRICA	0	10.8		10.8	0	38.4	0.2	38.2	74.1	49.4		123.5	44.1	84.7	0.2	128.6	118.2	183.5	0.4	0.7	6.4	294.0
SRI LANKA	0	0.2	0	0.2	0	2.0	0	2.0	1.8	4.4	0	6.2	0	1.8	0	1.8	1.8	8.4	0		+0.9	11.1
TAIWAN	6.6	2.0	6.2	2.4	213.2	17.4	37.7	192.9	657.4	22.5	257.9	421.8	686.7	90.6	107.6	669.7	1513.9	141.5	409.4	11.0	110.7	1124.1
THAILAND	0	2.0	0.2	1.8	36.2	2.4		38.6	89.1	16.1	2.0	103.2	124.1	17.0		141.1	249.4	37.5	2.2	0.2	4.9	279.6
TOTAL A, A & O ABOVE	**189.8**	**92.4**	**12.6**	**269.6**	**509.3**	**620.4**	**49.4**	**1080.3**	**1802.0**	**506.6**	**317.0**	**1991.6**	**1877.6**	**536.6**	**175.9**	**2238.3**	**4378.7**	**1756.0**	**554.9**	**-30.4**	**-383.6**	**5165.8**
HUNGARY	0	22.9	0.4	22.5	16.5	32.9	9.7	39.7	15.4	21.2	0.9	35.7	31.5	28.5	13.9	46.1	65.4	105.5	24.9	0	+7.5	151.5
POLAND	43.0	2.6	1.3	44.3	97.9	32.9	0	130.8	173.5	14.1	15.4	172.2	86.4	55.8	10.4	129.8	400.8	105.4	25.1	0	0	479.1

See text on page 236.

FILAMENT YARN DOMESTIC SHIPMENTS[a]

MILLION POUNDS

ITEM		ANNUAL DATA 1978	1979	1980	1981	QUARTERLY DATA 1981 1ST Q	1981 2ND Q	1981 3RD Q	1981 4TH Q	1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q
		(A) ACETATE		(N) NYLON+ARAMID		(P) POLYESTER			(O) OLEFIN				
HOSIERY[b]	N	99.0	106.3	106.5	107.0	27.2	27.2	27.7	24.9	22.4	22.2	23.9	
OTHER CIRCULAR KNIT[c]	N	65.5	58.9	56.6	48.2	12.5	13.6	11.4	10.9	8.4	5.4	7.0	
	P	635.5	615.4	495.7	545.6	95.4	97.5	85.9	69.0	59.4	57.6	55.4	
	A	1.9	4.5	3.2	4.8	0.9	2.1	1.5	0.5	0.4	0.7	0.2	
FLAT KNIT	A	158.3	146.9	144.9	104.7	27.6	37.2	25.5	16.4	20.2	20.5	16.9	
	N	196.1	202.6	176.3	165.2	45.3	44.5	37.6	37.8	32.8	32.6	31.0	
	P	81.7	89.0	85.8	98.4	25.7	25.1	25.1	22.5	21.1	21.8	25.5	
CARPET FACE	N	677.8	732.5	714.5	655.6	184.0	186.9	146.6	116.1	123.6	141.4	154.3	
	O	78.9	85.5	89.5	89.5	21.5	22.7	22.0	23.3	23.4	22.1	25.0	
CARPET BACKING[d]	O	215.7	220.7	197.8	195.3	52.7	49.9	48.0	44.7	45.7	45.6	49.1	
OTHER BROAD WOVEN[e]	A	125.9	129.2	110.5	104.7	22.8	27.7	29.6	24.6	22.5	23.5	20.9	
	N	95.0	102.7	94.3	89.2	22.0	21.9	21.6	23.7	21.5	20.8	18.9	
	P	411.5	387.2	405.5	440.2	100.8	138.4	115.6	85.4	78.4	88.5	98.7	
	O	158.7	171.4	186.3	200.7	50.3	50.3	51.5	48.6	42.8	44.6	45.1	
NARROW WOVEN[f]	A	7.0	5.9	8.7	8.5	1.5	2.2	2.2	2.6	0.9	0.7	1.0	
	N	40.6	37.2	51.4	54.0	9.1	7.1	9.2	8.6	8.2	7.8	6.6	
	P	29.1	30.5	28.1	28.1	6.4	7.5	7.3	6.9	5.4	8.5	7.0	
	O	11.1	11.8	12.3	12.6	3.2	3.2	3.1	3.1	2.8	3.0	3.2	
TIRES, INCL. CHAFER	N	267.6	285.3	209.2	204.7	51.5	52.7	52.6	47.9	39.1	39.8	28.5	
	P	253.4	227.4	161.0	174.8	45.3	44.1	46.6	40.8	43.7	44.1	59.9	
OTHER RUBBER INDUSTRY[g]	N	25.7	28.7	22.5	25.7	7.2	6.4	5.5	6.6	6.4	5.2	2.7	
	P	32.0	35.8	30.2	35.1	7.4	8.1	9.5	10.1	8.4	7.7	5.5	
ROPE, CORDAGE & FISHLINE	N	35.4	38.2	33.0	30.6	8.2	7.9	8.2	6.3	7.1	6.7	7.3	
	P	10.6	13.6	13.1	15.8	4.6	3.7	3.7	3.8	2.9	3.6	3.3	
	O	82.4	95.3	84.4	92.3	28.5	22.9	18.9	21.8	23.2	20.6	19.6	
ALL OTHER[h]	A	1.5	1.9	1.9	3.6	0.6	0.7	1.0	1.3	1.1	1.9	0.5	
	N	34.7	38.9	95.0	68.1	15.7	17.9	20.0	14.5	12.1	14.6	12.7	
	P	55.8	126.2	146.0	292.0	70.5	68.5	73.1	80.1	77.9	60.9	33.7	
	O	34.9	39.7	41.4	38.1	8.1	9.6	11.5	8.9	8.9	9.1	6.5	
TOTAL DOMESTIC ABOVE	A	274.6	288.4	269.2	226.3	55.4	69.9	57.6	45.4	44.9	47.1	39.5	
	N	1539.1	1631.3	1538.9	1404.5	380.5	386.1	340.4	297.3	281.6	296.5	292.7	
	P	1507.6	1525.1	1365.4	1450.0	354.1	392.5	364.8	318.6	297.2	292.5	267.0	
	O	579.7	624.2	611.7	628.3	164.3	158.6	155.0	150.4	146.8	145.0	144.5	
TOTAL DOMESTIC ABOVE		**3901.0**	**4069.0**	**3783.2**	**3688.9**	**952.3**	**1007.1**	**917.8**	**811.7**	**770.5**	**781.1**	**743.7**	
ALSO DIVIDED AS													
APPAREL		1671.2	1604.5	1550.4	1553.6	388.4	437.9	378.5	328.8	305.9	285.6	268.6	
HOME FURNISHINGS		1171.9	1274.6	1212.7	1128.7	308.6	313.3	273.3	233.5	237.7	257.4	269.5	
INDUSTRIAL		1057.9	1189.9	1040.1	1026.6	255.3	255.9	266.0	249.4	228.9	238.1	205.6	
SHIPMENTS OF FEED & PRODUCER-TEXTURED YARN (NONCARPET)[i]													
ACETATE		1.3	*	0	0	0	0	0	0	0	0	0	
NYLON		161.6	166.8	167.4	159.6	40.9	42.3	39.7	36.7	30.9	29.7	31.6	
POLYESTER		1018.7	1015.3	942.0	991.3	248.3	277.5	251.0	214.5	198.1	189.1	172.7	
OLEFIN		52.3	46.5	40.9	33.5	9.7	8.9	8.4	6.5	7.6	7.4	5.2	

a. Filament yarn plus monofilament shipments by primary trade or end use; olefin includes spunbonded polypropylene but does not include spunbonded polyethylene.

b. Small poundages of polyester are included in All Other.

c. Small poundages of olefin are included in All Other.

d. Small poundages of nylon and polyester are included in All Other.

e. Other Broad Woven except carpets, tire fabric, flat belting, etc. The olefin poundages include other home furnishings applications only, i.e., industrial applications are in All Other.

f. Narrow Woven includes apparel ribbons and braids, auto seat belts and/or furniture webbing.

g. Small poundages of olefin are included in All Other.

h. All Other includes sewing thread and other industrial applications. The olefin poundages include sliver knit backing. Also includes indirect exports starting 1st Quarter 1980.

i. These poundages are included in the Total Domestic area above.

STAPLE+TOW DOMESTIC SHIPMENTS

MILLION POUNDS

ITEM		ANNUAL DATA 1978	1979	1980	1981	QUARTERLY DATA 1981 1ST Q	1981 2ND Q	1981 3RD Q	1981 4TH Q	1982 1ST Q	1982 2ND Q	1982 3RD Q	1982 4TH Q
	(R) RAYON (N) NYLON+ARAMID (A) ACRYLIC+MODACRYLIC (P) POLYESTER (O) OLEFIN												
HOSIERY: SWEATERS & CRAFT YARNS[a]	A	241.8	238.8	275.7	255.6	65.2	70.6	67.2	54.6	54.7	62.6	56.5	
	NPR	15.0	21.5	11.5	8.9	2.2	1.9	2.5	2.5	2.0	2.2	2.2	
PILE FABRICS[b]	A	82.4	65.1	60.4	44.7	14.8	14.5	8.8	6.8	10.5	11.6	8.5	
	P	15.1	17.8	18.5	14.9	5.6	4.5	5.5	5.5	5.9	5.8	4.0	
OTHER CIRCULAR+FLAT KNIT[c]	R	10.8	11.7	9.8	10.9	2.7	5.5	2.6	2.5	2.0	1.8	1.8	
	A	95.1	98.8	125.0	91.6	24.0	26.2	25.5	18.1	24.4	33.0	28.8	
	P	225.7	278.1	296.5	300.7	77.7	78.7	78.2	66.1	70.9	72.2	71.8	
BLANKETS[b]	A	55.2	45.5	42.2	28.1	7.6	6.2	6.4	7.9	4.7	5.5	7.1	
	P	14.9	13.2	17.5	14.8	5.2	4.1	5.1	4.4	2.1	5.0	5.5	
OTHER BROAD WOVEN	R	245.9	235.2	201.6	224.7	56.5	58.2	57.6	52.4	38.2	54.4	55.1	
	N	52.6	59.2	55.0	52.4	12.4	14.2	13.2	12.6	11.6	14.9	14.5	
	A	28.6	42.1	42.5	33.0	10.0	8.5	7.1	7.4	5.7	7.9	5.5	
	P	1114.7	1171.0	1194.6	1107.0	269.9	290.8	284.2	262.1	232.2	222.5	209.6	
	O	10.6	17.0	17.5	17.1	5.0	5.7	2.9	3.5	3.7	6.0	2.5	
CARPET FACE YARNS	R	*	*	*	0.3	*	*	0.2	0.1	*	0.2	0.1	
	N	798.5	828.0	651.5	617.4	185.7	192.7	136.3	102.7	125.1	150.1	165.5	
	A	62.8	48.1			Included in All Other							
	P	200.8	192.4	119.9	124.0	27.0	37.6	29.2	30.2	24.6	32.0	27.6	
	O	46.0	64.7	61.6	67.5	16.1	17.7	17.5	16.4	17.0	21.5	19.6	
FIBERFILL[d]	P	198.2	239.6	205.1	226.7	57.1	54.0	59.0	56.6	49.0	55.4	60.8	
FLOCK	NP	8.2	10.7	10.8	15.0	3.8	4.2	2.7	2.5	2.1	2.8	2.6	
	R	4.7	5.1	5.1	5.6	0.8	1.5	2.5	1.2	0.7	0.9	0.8	
NONWOVENS[e,f]	R	166.2	160.3	147.3	124.6	32.6	34.9	29.3	27.8	32.0	25.3	27.0	
	N	4.1	3.8	3.2	3.5	1.1	1.0	0.8	0.6	1.1	0.8	1.1	
	P	98.5	153.6	166.6	149.5	36.1	37.8	35.8	39.6	35.0	38.8	42.8	
	VINYON+O	28.6	36.7	34.6	42.7	9.6	11.5	11.1	10.7	7.4	10.2	12.5	
ALL OTHER	R	29.5	30.9	26.2	29.1	7.1	6.5	8.4	7.1	4.5	6.8	6.7	
	N	11.1	10.8	12.2	10.3	2.3	3.8	2.2	2.0	1.8	2.1	2.1	
	A	7.7	8.2	39.7	41.1	10.6	11.2	10.7	8.6	8.5	7.5	7.4	
	P	80.7	49.3	42.6	60.6	16.4	16.8	12.7	14.7	18.0	18.1	7.6	
	VINYON+O	4.8	0.9	1.5	4.7	1.2	0.8	0.9	1.8	1.2	2.2	1.8	
TOTAL DOMESTIC ABOVE	R	459.2	442.4	390.7	396.9	100.2	104.5	100.7	91.5	77.6	69.8	72.1	
	N	876.4	913.2	711.2	696.4	204.8	215.9	155.4	120.5	141.9	170.8	185.8	
	A	571.6	546.6	585.3	494.1	130.2	157.0	123.5	103.4	108.1	127.9	113.6	
	P	1967.5	2134.4	2071.0	2005.4	495.2	525.9	507.5	478.8	437.3	445.5	428.9	
	VINYON+O	90.0	119.3	115.0	132.0	31.9	35.5	32.2	32.4	29.3	39.9	36.4	
TOTAL DOMESTIC ABOVE		**3964.7**	**4155.9**	**3873.2**	**3724.8**	**960.3**	**1018.8**	**919.3**	**826.4**	**794.2**	**853.7**	**836.8**	
ALSO DIVIDED AS													
APPAREL		1493.4	1548.6	1652.9	1487.5	366.0	397.9	386.8	336.8	328.5	344.0	325.4	
HOME FURNISHINGS		1714.8	1759.1	1478.0	1442.9	394.7	415.9	334.0	298.3	287.0	322.9	328.0	
INDUSTRIAL		756.5	848.2	762.3	794.4	199.6	205.0	198.5	191.3	178.7	186.8	185.4	

a. Olefin poundages are included in All Other.
b. Rayon and nylon poundages are included in All Other.
c. Nylon poundages are included in All Other.
d. Rayon and acrylic poundages are included in All Other.
e. Wet & dry laid and needled batts only.
f. Acrylic poundages are included in All Other.

SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN

THOUSAND POUNDS

ITEM & COUNTRY	1982												10 MONTHS	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1982	1981
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	0	0	28	27	0	27	0	0	27	0			109	0
CANADA	0	15	0	0	0	141	198	0	1	134			489	502
MEXICO	155	76	157	75	115	92	116	38	51	90			965	1327
AUSTRIA	0	20	0	451	225	85	41	410	225	165			1620	65
FRANCE	44	–	0	0	22	0	0	1	26	35			128	1
GERMANY, FED. REP. OF	502	275	218	250	81	157	54	75	65	38			1715	5318
NETHERLANDS	86	77	17	59	55	30	22	28	1	28			401	3094
SPAIN	40	81	46	47	47	0	0	0	0	0			261	223
JAPAN	20	42	36	1	36	2	21	70	35	22			285	226
ALL OTHER COUNTRIES[a]	14	2	0	106	0	0	17	46	2	0			187	757
TOTAL CELL. YARN	**861**	**588**	**501**	**1016**	**579**	**534**	**469**	**668**	**433**	**510**			**6160**	**9511**
CELLULOSIC STAPLE+TOW														
CANADA	155	167	191	129	170	90	54	401	355	324			2016	4325
AUSTRIA	605	40	441	401	462	0	410	40	562	91			3052	3988
FRANCE	1	52	2	0	0	6	21	0	5	36			123	422
GERMANY, FED. REP. OF	42	44	45	0	0	65	0	0	0				194	173
SWEDEN	464	0	871	189	554	0	765	786	0	137			5766	2097
UNITED KINGDOM	117	2	108	69	119	0	76	74	0	71			636	1699
AUSTRALIA	153	0	0	0	0	0	0	0	0	0			153	0
JAPAN	149	24	134	118	76	127	227	155	162	115			1287	1048
ALL OTHER COUNTRIES[b]	0	80	1	44	29	38	44	0	1	10			247	711
TOTAL CELL. STAPLE	**1686**	**409**	**1791**	**950**	**1410**	**326**	**1597**	**1456**	**1065**	**784**			**11474**	**14463**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
CANADA	295	156	101	444	456	595	365	508	544	715			4179	2178
COSTA RICA	117	27	0	0	27	0	7	–	5	0			183	11
MEXICO	0	1	2	1	10	41	66	10	53	133			297	226
BELGIUM	0	2	9	11	0	46	66	499	0	5			636	131
FRANCE	128	114	79	106	49	17	243	195	98	191			1220	1587
GERMANY, FED. REP. OF	581	362	295	572	569	454	570	712	968	927			5610	5843
ITALY	24	2	175	1	10	18	16	70	42	1			359	1141
SWITZERLAND	2	–	6	4	26	5	18	21	58	13			153	121
UNITED KINGDOM	67	48	58	43	5	54	14	44	14	78			405	298
JAPAN	453	661	465	450	438	535	554	461	757	500			5252	5913
ALL OTHER COUNTRIES[c]	16	5	12	10	72	37	31	40	62	11			296	798
TOTAL N.C. YARN	**1683**	**1378**	**1180**	**1442**	**1662**	**1802**	**1750**	**2560**	**2541**	**2572**			**18570**	**16247**
NONCELLULOSIC STAPLE+TOW														
CANADA	439	310	864	219	476	365	276	816	352	406			4503	6009
MEXICO	177	27	57	79	–	75	345	0	476	567			1801	5007
BELGIUM	29	51	1	12	0	0	52	0	0	35			140	541
FRANCE	219	194	444	308	301	247	324	1790	799	995			5621	5908
GERMANY, FED. REP. OF	730	752	975	725	861	341	420	527	726	607			6664	16523
IRELAND	0	39	39	77	39	116	–	77	58	0			502	221
ITALY	58	23	153	115	63	76	1236	639	954	501			3818	6089
NETHERLANDS	141	89	58	43	19	0	0	0	0	17			367	387
ROMANIA	50	106	29	219	5	29	0	0	0	0			438	625
SWITZERLAND	1	2	0	17	17	17	0	17	5	51			127	57
UNITED KINGDOM	195	250	259	238	412	181	25	76	268	193			2097	4328
JAPAN	588	461	510	401	520	612	885	575	740	512			5804	4124
TAIWAN	616	194	436	585	760	2041	748	1220	798	494			7890	6975
ALL OTHER COUNTRIES[d]	15	3	1	0	11	74	98	21	46	18			287	686
TOTAL N.C. STAPLE	**3258**	**2481**	**3826**	**3036**	**3484**	**4174**	**4464**	**5758**	**5182**	**4396**			**40059**	**53460**

Other countries supplying 1982 poundages are:

a. Belgium 93, Italy 10, Rep. of Korea 80 & Switzerland 4.

b. Finland 80, German Dem. Rep. 88, Mexico 39, Netherlands 29 & Taiwan 11.

c. Austria 19, Dominican Republic 4, India 11, Ireland 1, Israel 7, Rep. of Korea 22, Netherlands 57, Norfolk Is. 36, Poland 15, Portugal 22, Romania 1, Spain 1, Sweden 55 & Taiwan 45.

d. Australia 29, Austria 54, Denmark 55, German Dem. Rep. 15, Hong Kong 2, Iceland 5, Israel 60, Rep. of Korea 33, Poland 15, Portugal 1 & Yugoslavia 18.

U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1982 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	10 MONTHS 1982	1981
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	5	0	28	35	6	27	0	0	52	90			243	266
OTHER	310.0150 & .0250[a]	856	586	474	981	575	505	465	668	581	599			5888	9221
MONOFILAMENTS	309.0510 & .0610	0	2	0	0	0	-	0	0	0	-			2	4
STRIPS, $1/LB & UNDER	309.2000 *	0	0	0	0	0	2	4	0	0	21			27	20
SUBTOTAL ABOVE		**861**	**588**	**502**	**1016**	**579**	**534**	**469**	**668**	**633**	**510**			**6160**	**9511**
STAPLE	309.4520 & .4525	1510	409	1623	853	1219	240	1447	1287	1009	689			10286	12551
GROUPED FILAMENTS	309.5010 & .5110	176	-	168	97	191	86	150	169	56	95			1188	1912
SUBTOTAL ABOVE		**1686**	**409**	**1791**	**950**	**1410**	**326**	**1597**	**1456**	**1065**	**784**			**11474**	**14463**
WASTE, ADVANCED & NOT ADVANCED	309.6615 & .7510	0	0	64	0	197	0	58	0	60	0			359	365
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON	310.0109 & .0209	425	174	125	210	516	541	454	272	535	462			5312	5546
POLYESTER	310.0110 & .0210	231	45	7	5	55	1	55	6	57	5			419	657
OTHER	310.0114 & .0214	32	26	69	361	268	330	289	455	495	585			2910	428
OTHER - NYLON	310.0149 & .0249	111	211	278	99	191	309	455	1068	711	891			4522	3694
POLYESTER	310.0150 & .0250	551	691	368	441	405	296	199	427	627	416			4419	4229
OTHER	310.0170 & .0270[b]	164	81	140	162	147	309	122	226	136	105			1592	1556
MONOFILAMENTS	309.0200 & .0530[c]	140	139	157	145	89	195	128	88	149	93			1323	2395
STRIPS, OVER $1/LB	309.2100 & .2500 *	51	15	36	21	15	21	50	18	51	17			275	162
SUBTOTAL ABOVE		**1683**	**1378**	**1180**	**1442**	**1662**	**1802**	**1750**	**2560**	**2541**	**2572**			**18570**	**16247**
STAPLE - NYLON	309.4538	592	209	400	316	84	276	1432	2030	1602	1583			8524	21330
POLYESTER	309.4542	487	517	955	577	494	567	926	539	566	515			5921	5551
ACRYLIC	309.4545	526	474	962	607	569	524	575	547	854	886			5924	9511
OLEFIN	309.4546	1	30	1	55	30	27	7	52	220	85			466	1124
OTHER	309.4555	899	292	581	653	1011	2145	725	1891	1011	549			9757	9700
GROUPED FILAMENTS															
NYLON	309.5030 & .5130	460	530	545	565	884	266	562	784	560	585			5539	1688
POLYESTER	309.5040 & .5140	0	0	17	1	-	-	0	8	2	0			28	267
ACRYLIC	309.5050 & .5150	297	376	555	246	468	538	340	262	546	192			3618	2590
OTHER	309.5065 & .5165	196	53	34	38	144	31	97	65	21	3			682	1899
SUBTOTAL ABOVE		**3258**	**2481**	**3826**	**3036**	**3484**	**4174**	**4464**	**5758**	**5182**	**4396**			**40059**	**53460**
WASTE, NOT ADVANCED - NYLON	309.6625	1882	1647	1858	2515	2285	2581	1175	2055	2155	1240			19151	20575
POLYESTER	309.6630	1598	775	1580	608	581	502	502	1748	1024	681			9199	14864
ACRYLIC	309.6645	0	184	9	59	294	195	86	0	67	33			927	2265
OTHER	309.6660	433	229	247	256	480	174	290	17	160	108			2594	2203
NOILS & GARNETTED FIBERS	309.6000 & .7000 *	0	20	0	0	0	0	1	0	0	-			21	85
OTHER WASTE, ADVANCED	309.7525 - .7555	50	17	26	9	16	1	49	70	160	165			561	457
SUBTOTAL ABOVE		**3763**	**2872**	**3700**	**3247**	**3656**	**3453**	**1903**	**3868**	**3546**	**2225**			**32233**	**40449**
TOTAL MAN-MADE ABOVE		**11251**	**7728**	**11063**	**9691**	**10988**	**10289**	**10221**	**14310**	**12827**	**10487**			**108855**	**134495**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1106	0	0	-	0	1	0	1	0	0	0			2	25
NONCELLULOSIC	310.1015[d] & .1109[e]	407	110	535	266	421	352	271	548	528	436			3672	2906
OTHER - CELLULOSIC	310.1050 & .1155[f]	-	6	67	0	16	28	19	0					136	18
NONCELLULOSIC	310.1050 & .1070[g]	200	18	13	54	29	121	31	28	75	65			634	309
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	28	0	18	20	52	7	43	42	25	32			247	528
OTHER	310.4015 & .4027[i]	1570	1253	1374	1784	2288	1940	1674	2419	2175	1986			18465	16322
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	205	89	190	229	367	393	246	306	278	226			2529	3615
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140	166	205	188	226	192	234	113	172	144	227			1865	2554
SLIVER, TOPS & ROVING	309.9000	434	309	201	115	79	153	338	186	410	63			2268	3309
TEXTILE GLASS FIBER	309.2800 & .2900[j]	1757	1092	1011	736	1033	1358	1281	1236	1227	1309			12020	14869
GRAND TOTAL ABOVE		**15998**	**10808**	**14458**	**13121**	**15446**	**14855**	**14238**	**19247**	**17689**	**14831**			**150691**	**178750**

SOURCE: U.S.Census Bureau Report IM145X.

NES - Not elsewhere specified.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.

b. Also includes 310.0530, .0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1110 & .1114.

f. Also includes 310.2010 & .2110.

g. Also includes 310.1150, .1155, .1170, .2030, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Chiefly roving. Also includes 309.9800 & .9900.

U.S. MAN-MADE FIBER PRODUCTION & PRODUCING CAPACITY

MILLION POUNDS & *Average Denier*

PERIOD	CELLULOSIC FIBERS: FILAMENT YARN+MONOFIL: RAYON	ACETATE[b]: LBS	ACETATE[b]: Den	TOTAL	STAPLE+TOW: RAYON	ACE-TATE[b]	TOTAL	TOTAL	NONCELLULOSIC FIBERS[a]: YARN +MONO	STAPLE +TOW	TOTAL	TEX-TILE GLASS TOTAL[c]	GRAND TOTAL MAN-MADE FIBERS: YARN[d] +MONO	STAPLE +TOW	TOTAL
ACTUAL ANNUAL PRODUCTION															
1970	268	463		731	607	35	642	1373	1793	1793	3586	467	2991	2435	5426
1971	304	449		753	612	26	638	1391	2188	2105	4293	468	3409	2743	6152
1972	252	401		653	713	28	741	1394	2773	2583	5356	572	3998	3324	7322
1973	198	437		635	697	25	722	1357	3339	2970	6309	688	4662	3692	8354
1974	172	362		534	645	20	665	1199	3443	2780	6223	683	4660	3445	8105
1975	65	301		366	371	12	383	749	3209	2677	5886	546	4121	3060	7181
1976	68	287		355	475	11	486	841	3306	3320	6626	676	4337	3806	8143
1977	71	282		353	527	8	535	888	3674	3654	7328	787	4814	4189	9003
1978	62	301		363	535	7	542	905	3830	3953	7783	923	5116	4495	9611
1979	57	317		374	549	7	556	930	4165	4282	8437	1014	5543	4838	10381
1980	47	309		356	443	7	450	806	3714	4148	7892	867	4967	4598	9565
1981	48	257		305	461	4	465	770	3815	4191	8006	1041	5161	4656	9817
ACTUAL & PROJECTED CAPACITY, ANNUAL RATE, AS OF -															
NOV 1970[e]	360	494	NA	854	819	40	859	1713	2440	2422	4862	657	3951	3281	7232
NOV 1971[e]	337	490	NA	827	757	30	787	1614	2796	2620	5416	696	4319	3407	7726
NOV 1972[e]	235	486	NA	721	761	30	791	1512	3362	3034	6396	721	4804	3825	8629
NOV 1973[e]	224	473	NA	697	768	28	796	1493	3738	3302	7040	739	5174	4098	9272
NOV 1974[e]	172	449	NA	621	724	28	752	1373	4175	3584	7759	821	5617	4336	9953
NOV 1975[e]	100	384	NA	484	737	18	755	1239	4640	3796	8436	909	6033	4551	10584
NOV 1976[e]	85	399	NA	484	691	18	709	1193	4878	4254	9132	893	6255	4963	11218
NOV 1977[e]	85	315	89	400	655	8	663	1063	4974	4434	9368	1002	6376	5057	11433
NOV 1978[e]	83	330	87	413	665	8	673	1086	5000	4571	9571	1118	6531	5244	11775
NOV 1979[e]	75	355	89	430	671	8	679	1109	5126	4678	9804	1305	6861	5557	12218
NOV 1980[e]	63	324	88	387	514	8	522	909	4933	4714	9647	1473	6793	5236	12029
NOV 1981[e]	52	332	95	384	509	5	514	898	4766	4950	9716	1561	6711	5464	12175
NOV 1982[e]	63	318	96	381	510	4	514	895	4583	4781	9364	1718	6682	5295	11977
MAY 1983[f]	63	318	96	381	510	4	514	895	4640	4804	9444	1736	6757	5318	12075
NOV 1983[f]	63	318	96	381	510	4	514	895	4683	4819	9502	1783	6847	5333	12180
MAY 1984[f]	63	318	96	381	510	4	514	895	4709	4964	9673	1797	6887	5478	12365
NOV 1984[f]	63	318	96	381	510	4	514	895	4739	4974	9713	1798	6918	5488	12406

a. The noncellulosic fibers included are those listed in the September *Organon* issues each year. Yarn+mono includes olefin film fiber and spunbonded polypropylene. Staple+tow includes fiberfill.

b. The acetate production and producing capacity data include diacetate and triacetate. The acetate staple+tow data do not include the large poundages for cigarette filtration.

c. Textile glass fiber, all types.

d. Grand Total Yarn means the yarn+mono shown **plus** all textile glass fiber.

e. Actual producing capacity as of the date shown.

f. Future producing capacity planned for certain dates as of November 1982.

NONCELLULOSIC FIBER CAPACITY DETAIL

MILLION POUNDS & *Average Denier*

	FILAMENT YARN, MONOFIL & OLEFIN FILM FIBER												STAPLE, TOW & FIBERFILL					NON-CELLU-LOSIC TOTAL
	NYLON+ARAMID			POLYESTER			OLEFIN[a]						NYLON + ARAMID	ACRYL +MOD-ACRYL	POLY-ESTER	OLEFIN + VINYON	TOTAL	
PERIOD	IND	CARP	TEXTILE	IND	TEXTILE		YARN	MONO[b]	FILM[b]	OTHER[c]	TOTAL							
NOV 1976[d]	480	428	569	NA	794	316	NA	110	119	106	18	2440	280	659	1370	113	2422	4862
NOV 1971[d]	463	531	522	NA	837	559	NA	89	163	113	19	2796	460	698	1355	107	2620	5416
NOV 1972[d]	469	626	559	NA	864	892	NA	96	177	159	20	3362	602	754	1571	107	3034	6396
NOV 1973[d]	466	707	534	NA	885	1118	NA	106	214	190	18	3738	701	787	1709	105	3302	7040
NOV 1974[d]	483	770	552	NA	403	1351	NA	125	254	221	16	4175	757	824	1899	104	3584	7759
NOV 1975[d]	503	786	553	NA	391	1576	NA	168	313	334	16	4640	827	827	2021	121	3796	8436
NOV 1976[d]	519	787	552	54	442	1701	133	178	312	371	16	4878	910	869	2355	120	4254	9132
NOV 1977[d]	523	829	558	55	443	1698	126	173	336	398	16	4974	939	869	2470	116	4394	9368
NOV 1978[d]	510	908	565	53	443	1643	116	174	347	394	16	5000	1023	865	2554	129	4571	9571
NOV 1979[d]	513	950	579	51	443	1699	114	172	342	408	20	5126	1020	839	2673	146	4678	9804
NOV 1980[d]	515	910	551	52	400	1637	113	120	350	430	20	4933	991	830	2759	134	4714	9647
NOV 1981[d]	514	893	553	49	316	1481	114	178	356	455	20	4766	1010	835	2839	266	4950	9716
NOV 1982[d]	474	925	513	53	338	1265	119	209	369	460	30	4583	978	832	2700	271	4781	9364
MAY 1983[e]	474	943	522	53	341	1265	119	222	373	470	30	4640	978	835	2720	271	4804	9444
NOV 1983[e]	479	964	514	53	343	1265	119	240	378	470	30	4683	988	840	2720	271	4819	9502
MAY 1984[e]	484	970	507	53	346	1265	119	249	378	480	30	4709	1053	842	2786	283	4964	9673
NOV 1984[e]	492	970	507	53	346	1265	119	261	378	490	30	4739	1053	842	2786	293	4974	9713

IND means industrial yarn and monofil, i.e., 500 denier & coarser, with an Instron tenacity of 7 grams per denier or more; **CARP** means bulked continuous filament yarn for carpets; **TEXTILE** means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

a. Olefin includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristies, film fiber used for decorative or tying ribbons, etc.

b. Olefin monofil includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated fiber.

c. Other yarn & monofil is chiefly saran and spandex. Aramid data are included with nylon.

d. Actual producing capacity as of date shown.

e. Future producing capacity planned for certain & dates as of November 1982.

U.S. MAN-MADE FIBER PRODUCING CAPACITY

Last month, the U.S. man-made fiber producing industry had the capacity to produce 11,977 million pounds of fiber per year. This was a decrease of 1½% from the capacity in place one year ago. However, capacity is planned to increase 3½% by November 1984 to 12,406 million pounds.

Cellulosic fiber capacity is expected to change very little over the next two years. Current capacity of 895 million pounds is planned to remain at that level through November 1984.

Noncellulosic fiber capacity is slated for an increase of 4%, or 407 million pounds, over the next two years.

SURVEY COVERAGE & DEFINITIONS

The survey figures shown in the page 248 table cover the man-made fibers in all their primary forms, i.e., filament yarn, monofilaments, polypropylene spunbonded and film fiber are tabulated as filament yarn, while staple, tow and fiberfill are tabulated as staple. The glass fiber data cover all primary forms of that fiber (yarn & strand, staple yarn & sliver, roving & cake, chopped & milled fiber and mat) although only an aggregate figure is published to avoid disclosure of individual company data. The textile glass data are included with the filament yarn totals. The "capacity" to produce waste is ***not*** included in this survey.

Capacity is based on the current and projected "mix" of deniers, filament counts, packages, etc. It is ***emphasized*** that all figures refer to ***current and planned*** capacity. ***They are not to be interpreted as a production forecast.***

Under the survey definitions, all productive equipment which is currently, or is planned to be, in operable condition is counted as capacity, regardless of whether it is actually producing fiber at the time the capacity measurement is taken. On the other hand, equipment which is definitely scheduled for scrapping, or which has been scrapped since the last survey, is excluded from the capacity tabulation. Put another way, the capacity data reflect ***potential,*** rather than ***operating,*** capacity.

U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1981 · 1ST Q	1981 · 2ND Q	1981 · 3RD Q	1981 · 4TH Q	1981 · YEAR	1982 · 1ST Q	1982 · 2ND Q	1982 · 3RD Q[f]	1982 · 4TH Q	1982 · YEAR
CELLULOSIC FIBERS											
FILAMENT YARN[a]											
TEXTURED	310.0006	93	75	72	117	357	132	72	34		
OTHER[b]	310.0026	8191	5829	4286	5608	23914	7194	4450	5912		
MONOFILAMENTS	309.0110	47	30	9	4	90	2	9	1		
STRIPS	309.2210	66	79	95	106	346	66	5	32		
SUBTOTAL ABOVE		**8397**	**6013**	**4462**	**5835**	**24707**	**7394**	**4536**	**5979**		
STAPLE+TOW - RAYON	309.4222	12222	14234	14369	14331	55156	13772	14001	16905		
STAPLE - ACETATE	309.4219	3692	2046	608	658	7004	919	931	551		
SUBTOTAL ABOVE		**15914**	**16280**	**14977**	**14989**	**62160**	**14691**	**14932**	**17456**		
WASTE, ADVANCED & NOT ADVANCED	309.7400	693	795	416	895	2799	1007	1262	385		
NONCELLULOSIC FIBERS											
FILAMENT YARN[a]											
NYLON - TEXTURED	310.0008 & .0009	21787	17478	17656	12679	69600	9779	9643	11021		
- HIGH TENACITY[c]	310.0027	18138	17544	11095	10623	57400	13520	12582	10156		
- OTHER	310.0029	5461	4325	6280	3358	19424	3785	3340	1801		
POLYESTER - TEXTURED	310.0010	48758	58681	65307	63406	236152	63471	71864	26029		
- HIGH TENACITY[c]	310.0032	4870	5364	6299	6907	23440	5134	3747	2726		
- OTHER[d]	310.0034	2380	3063	3117	3199	11759	2902	4506	1611		
OTHER - TEXTURED	310.0014	4174	3082	2346	2149	11751	3235	2847	4117		
- OLEFIN	310.0040	741	519	838	505	2603	224	447	166		
- OTHER	310.0044	1566	1452	1183	1030	5231	1371	1327	508		
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	2387	1935	1879	1585	7786	1142	1119	695		
POLYESTER[e]	309.0140	2816	1767	1362	1218	7163	1919	700	1065		
OTHER	309.0170	1289	1314	1614	2343	6560	2085	2025	1880		
STRIPS	309.2220 & .2270	1366	1530	739	920	4555	799	634	620		
SUBTOTAL ABOVE		**115733**	**118054**	**119715**	**109922**	**463424**	**109366**	**114781**	**62395**		
STAPLE - NYLON	309.4240	9443	7030	5848	5235	27556	4018	3694	3459		
- POLYESTER	309.4242	108893	138242	144558	130988	522681	90356	30164	32374		
- ACRYLIC	309.4245	41711	40137	39084	35729	156661	32810	31987	31585		
- OLEFIN	309.4246	664	431	270	393	1758	522	948	2668		
- OTHER	309.4247	5015	5800	3637	3581	18033	4395	4436	2813		
GROUPED FILAMENTS											
NYLON	309.3220	1724	763	746	1328	4561	1539	1313	1174		
POLYESTER[d]	309.3240	9508	6706	3802	6761	26777	9528	6684	6780		
ACRYLIC	309.3250 & .3255	10076	8360	7144	7075	32655	5472	6363	6168		
SUBTOTAL ABOVE		**187034**	**207469**	**205089**	**191090**	**790682**	**148640**	**85589**	**87021**		
WASTE, ADVANCED & NOT ADVANCED											
NYLON	309.7620	3470	4141	3302	3025	13938	3542	2759	1291		
POLYESTER	309.7630	11606	13086	12419	17006	54117	17204	14920	8281		
ACRYLIC	309.7640	1874	1531	573	817	4795	574	651	228		
OTHER	309.7660	8718	9163	8717	7817	34415	7146	5564	3939		
SUBTOTAL ABOVE		**25668**	**27921**	**25011**	**28665**	**107265**	**28466**	**23894**	**13739**		
TOTAL MAN-MADE FIBER ABOVE		**353439**	**376532**	**369670**	**351396**	**1451037**	**309564**	**244994**	**186975**		
TEXTILE GLASS FIBER	309.2700 & .9700	10180	8611	8553	11590	38934	11318	11981	11246		
GRAND TOTAL ABOVE		**363619**	**385143**	**378223**	**362986**	**1489971**	**320882**	**256975**	**198221**		

SOURCE: U.S. Census Bureau.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

f. Third Quarter 1982 data are revised.

SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1982 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1982	1981
MAN-MADE FIBER DATA[c]						**TOTAL SHIPMENTS[b]**								
YARN+MONOFILAMENTS[d]														
ACETATE	**19.1**	**16.9**	**17.7**	**19.4**	**16.5**	**17.4**	**12.2**	**17.3**	**18.5**	**15.6**	**15.2**		**185.8**	**245.1**
NYLON[e] INDUSTRIAL[f]	26.2	29.2	31.5	30.8	26.7	28.5	25.5	21.9	24.5	25.5	31.1		299.0	375.1
LOW DENIER INDUSTRIAL[g]	2.6	2.3	2.6	2.5	2.2	2.7	1.9	2.5	2.6	2.5	2.5		26.9	32.5
CARPET	40.3	43.3	46.0	46.1	51.2	48.3	42.6	60.2	58.4	48.6	50.3		535.3	634.1
TEXTILE	27.9	27.0	29.5	28.4	26.6	26.5	21.4	29.3	30.1	28.7	29.8		305.2	387.2
POLYESTER INDUSTRIAL[f]	22.6	24.4	27.8	26.3	22.9	27.4	21.8	23.8	22.1	23.2	22.0		264.3	284.5
LOW DENIER INDUSTRIAL[g]	1.9	1.8	1.9	1.9	1.9	2.1	1.5	2.1	1.6	1.7	2.1		20.5	26.1
TEXTILE	75.4	87.8	88.5	88.2	79.3	78.5	61.2	73.6	78.5	70.6	77.7		859.1	1144.0
OLEFIN[h]	50.1	50.4	51.0	49.3	48.9	50.1	49.5	50.2	47.9	47.1	47.5		542.0	596.2
TOTAL NONCELLULOSIC ABOVE[i]	**247.0**	**266.2**	**278.8**	**273.5**	**259.7**	**263.7**	**223.4**	**263.6**	**265.5**	**247.9**	**263.0**		**2852.3**	**3479.7**
STAPLE+TOW+FIBERFILL[j]														
RAYON	**30.3**	**28.9**	**31.8**	**29.0**	**27.7**	**29.9**	**25.2**	**28.9**	**33.3**	**32.8**	**31.9**		**329.7**	**424.1**
NYLON[e]	48.0	48.3	49.7	55.9	61.0	58.1	51.4	68.3	69.2	61.2	62.3		633.4	678.7
ACRYLIC+MODACRYLIC	45.8	47.7	61.0	52.7	57.5	59.2	47.6	58.5	50.2	50.7	53.3		584.2	641.7
POLYESTER	173.3	176.4	174.0	161.7	156.6	155.3	129.3	163.0	162.4	163.8	171.1		1786.9	2386.0
OLEFIN+VINYON	8.3	10.2	11.4	10.8	14.9	14.8	11.6	12.5	13.9	12.4	12.2		133.0	123.6
TOTAL NONCELLULOSIC ABOVE	**275.4**	**282.6**	**296.1**	**281.1**	**290.0**	**287.4**	**239.9**	**302.3**	**295.7**	**288.1**	**298.9**		**3137.5**	**3830.0**
						END-OF-MONTH STOCK								
YARN+MONOFILAMENTS														
ACETATE	**12.4**	**11.7**	**13.5**	**11.0**	**11.9**	**13.2**	**12.3**	**11.7**	**11.3**	**11.4**	**11.3**		**11.3**	**14.3**
NYLON[e] INDUSTRIAL[f]	41.7	37.6	35.1	30.4	31.7	33.5	36.5	37.5	37.0	33.8	26.8		26.8	36.4
LOW DENIER INDUSTRIAL[g]	4.5	4.5	4.1	4.6	4.6	4.5	4.6	4.2	4.0	3.8	3.3		3.3	4.3
CARPET	62.3	58.0	55.5	53.9	49.5	51.4	59.6	48.2	46.4	57.1	54.7		54.7	64.1
TEXTILE	50.9	52.9	51.1	48.6	45.9	45.3	43.4	40.5	38.5	39.2	38.6		38.6	47.5
POLYESTER INDUSTRIAL[f]	23.7	25.1	25.2	24.6	27.1	27.8	28.1	28.6	28.1	26.5	26.2		26.2	23.5
LOW DENIER INDUSTRIAL[g]	4.0	3.4	3.8	3.7	3.6	2.7	2.5	2.6	2.6	2.3	2.2		2.2	3.6
TEXTILE	93.4	89.9	93.4	91.9	87.1	81.7	83.8	79.5	75.8	77.9	66.1		66.1	95.9
OLEFIN[h]	64.3	64.0	64.5	63.6	63.3	63.1	61.5	60.2	58.1	57.6	56.0		56.0	61.7
TOTAL NONCELLULOSIC ABOVE[i]	**344.8**	**335.4**	**330.7**	**321.3**	**312.8**	**307.8**	**320.0**	**301.3**	**290.5**	**298.2**	**273.9**		**273.9**	**337.0**
STAPLE+TOW+FIBERFILL														
RAYON	**32.6**	**35.6**	**36.3**	**35.1**	**36.2**	**36.4**	**37.8**	**38.9**	**36.8**	**33.7**	**28.0**		**28.0**	**31.1**
NYLON[e]	63.9	58.7	59.3	55.4	48.9	53.6	64.1	55.1	55.8	60.3	59.4		59.4	64.8
ACRYLIC+MODACRYLIC	68.6	65.2	60.2	67.7	63.7	61.9	66.0	61.3	64.1	70.8	63.9		63.9	65.1
POLYESTER	180.4	191.9	189.2	186.6	185.8	175.2	181.7	162.4	167.9	174.3	173.4		173.4	174.2
OLEFIN+VINYON	30.0	31.3	31.6	29.3	24.7	21.9	21.6	21.7	21.5	20.3	20.9		20.9	25.7
TOTAL NONCELLULOSIC ABOVE	**342.9**	**347.1**	**340.3**	**337.0**	**323.1**	**312.6**	**333.4**	**300.5**	**309.3**	**325.7**	**317.6**		**317.6**	**329.8**
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	11.9	10.9	13.3	10.8	10.3	9.4	7.2	9.3	9.1				92.2	108.7
CARPET CLASS WOOL	0.7	0.9	1.0	0.8	1.0	0.6	0.6	1.0	1.1				7.7	7.8
TOTAL RAW WOOL	12.6	11.8	14.3	11.6	11.3	10.0	7.8	10.3	10.2				99.9	116.5
RAW COTTON	207.2	198.6	228.7	217.3	217.2	200.1	166.8	195.5	229.9	220.6			2081.9	2326.4

a. Year-to-date totals except for stock, which is the latest month's data.

b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.

c. Producers' total domestic plus export shipments.

d. Rayon yarn data are available annually only; see page 21 of the February issue.

e. Data for nylon include aramid.

f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.

g. Low denier industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.

h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.

i. Saran and spandex data are not included in these totals. See page 21 of the February issue for annual data on these yarns.

j. Acetate staple+tow data are available annually only; see page 21 of the February issue.

ANNUAL INDEX - VOLUME FIFTY-THREE

The names of U.S. producers of the man-made fibers, together with the products made, are listed on pages 185-190. The corresponding list of world producers is on pages 114-129. Individual producers' names are not shown in this index unless there have been news items concerning them during the year.

Monthly U.S. fiber shipments, stock, etc., are shown in the table "Selected U.S. Monthly Textile Fiber Data," which is usually found on the last page of each *Organon* issue. In the following index, this is called the "Monthly Table."

Each issue of the *Organon* contains one or more principal topics, e.g., the Directory of World Man-Made Fiber Producers in June. Following is a brief outline of major subjects covered in the 1982 issues. The numbers in parentheses are the pages of each month's issue.

JANUARY	Broad Woven Goods Production (in Both Square & Linear Yards). (1-16)
FEBRUARY	Annual Review of the U.S. Man-Made Fiber Producing Industry. Broad Woven Goods Production. Quarterly U.S. Man-Made Fiber Review. (17-40)
MARCH	U.S. Textile Fiber Consumption (Mill, Domestic & Per Capita). (41-64)
APRIL	Annual U.S. Man-Made Fiber Import-Export Review. Broad Woven Goods Production. (65-88)
MAY	Quarterly U.S. Man-Made Fiber Review. Producing Capacity of the U.S Man-Made Fiber Industry. (89-104)
JUNE	World Man-Made Fiber Survey. Directory of World Man-Made Fiber Producers. Also see pages 137-144, 147-154. (105-136)
JUNE SUPPLEMENT	1981 World Man-Made Fiber Survey. (137-144)
JULY	World Man-Made Fiber Data in Pounds. (145-160)
AUGUST	Quarterly U.S. Man-Made Fiber Review. The Impact of Exports. (161-180)
SEPTEMBER	Directory of U.S Man-Made Fiber Producers. (181-194)
OCTOBER	First Half Man-Made Fiber Import-Export Review. Broad Woven Goods Production. (195-210)
NOVEMBER	Textile Fiber End Use Survey. Quarterly U.S. Man-Made Fiber Review. (211-234)
DECEMBER	World Natural Fiber Review. Producing Capacity of the U.S. Man-Made Fiber Industry. (235-251)

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  Goods - see Filament Yarn & Staple+Tow Domestic Shipments

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Textile Organon

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MONTHLY REVIEW

Highlights

Total Shipments of Noncellulosic Staple+Tow Fell by 18% in 1982 . . . see page 2.

Polyester Staple+Tow Shipments Were off 25% in 1982 . . . see page 2.

Third Quarter 1982 Imports of Man-Made Fiber & Manufactures Increased to 108.9 Million Pounds . . . see page 9.

Broad Weaving Industry Data for Second Quarter 1982 . . . featured pages 10-13.

***Textile Organon** Special Report: Capacity Utilization Review . . . begins page 3.*

Nylon yarn shipments to the carpet trades rose for the second straight month, although shipments of nylon textile and industrial yarn fell in December.

Shipments of polyester textile yarn fell to the lowest level since July. Shipments of polyester industrial yarn dropped to one of the lowest levels of the year.

Olefin yarn+monofilament shipments rose in December to the highest level since August, though shipments of olefin+vinyon staple+tow fell to the lowest level since April.

Shipments of both nylon and acrylic+modacrylic staple+tow fell to the lowest levels since July.

After a strong November, shipments of polyester staple+tow fell to the lowest point since July.

(see Yearly Review on page 2)

ITEM	1982 DEC	1982 NOV	%a	1981 DEC	%b	YEAR TO DATE 1982	YEAR TO DATE 1981	%c
	TOTAL SHIPMENTS MILLION POUNDS & *Percent*							
MAN-MADE FIBER DATA								
YARN+MONOFILAMENTS								
ACETATE	**13.4**	**14.8**	-9.5	**16.0**	-7.5	**198.8**	**261.1**	-23.9
NYLON INDUSTRIAL	25.5	31.1	-18.0	27.8	-8.3	324.5	402.9	-19.5
LOW DENIER INDUSTRIAL	2.6	2.5	+4.0	2.6	--	29.5	35.1	-16.0
CARPET	51.1	50.3	+1.6	42.9	+19.1	586.4	677.0	-13.4
TEXTILE	26.6	29.8	-10.7	30.8	-13.6	331.8	418.0	-20.6
POLYESTER INDUSTRIAL	23.7	22.0	+7.7	22.6	+4.9	288.0	307.1	-6.2
LOW DENIER INDUSTRIAL	1.9	2.1	-9.5	1.5	+26.7	22.4	27.6	-18.8
TEXTILE	68.0	77.7	-12.5	85.5	-20.3	927.1	1229.5	-24.6
OLEFIN	49.5	47.3	+4.7	51.9	-4.6	591.1	648.1	-8.8
TOTAL NONCELLULOSIC ABOVE	**248.9**	**262.8**	-5.3	**265.4**	-6.2	**3100.8**	**3745.1**	-17.2
STAPLE+TOW+FIBERFILL								
RAYON	**30.5**	**31.9**	-4.4	**32.6**	-6.4	**360.2**	**456.7**	-21.1
NYLON	57.5	62.3	-7.7	42.8	+34.3	690.9	721.5	-4.2
ACRYLIC+MODACRYLIC	48.0	53.3	-9.9	52.8	-9.1	632.2	694.5	-9.0
POLYESTER	154.7	171.1	-9.6	212.8	-27.3	1941.6	2598.8	-25.3
OLEFIN+VINYON	10.8	12.2	-11.5	9.9	+9.1	143.8	133.5	+7.7
TOTAL NONCELLULOSIC ABOVE	**271.0**	**298.9**	-9.3	**318.3**	-14.9	**3408.5**	**4148.3**	-17.8

-- means no change

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

Also see footnotes on last page of this issue.

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Textile Organon

Raymond S. Savadge, *President*
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ITEM	1982	1981	%[a]	1980	%[b]	1979	%[c]
	TOTAL SHIPMENTS MILLION POUNDS & *Percent*						
MAN-MADE FIBER DATA							
YARN+MONOFILAMENTS							
ACETATE	**198.8**	**261.1**	*-23.9*	**301.9**	*-34.2*	**320.2**	*-37.9*
NYLON INDUSTRIAL	324.5	402.9	*-19.5*	446.6	*-27.3*	487.0	*-33.4*
LOW DENIER INDUSTRIAL	29.5	35.1	*-16.0*	35.8	*-17.6*	36.0	*-18.1*
CARPET	586.4	677.0	*-13.4*	756.9	*-22.5*	768.9	*-23.7*
TEXTILE	351.8	418.0	*-20.6*	447.6	*-25.9*	485.8	*-31.7*
POLYESTER INDUSTRIAL	288.0	307.1	*-6.2*	294.5	*-2.1*	365.5	*-21.2*
LOW DENIER INDUSTRIAL	22.4	27.6	*-18.8*	29.4	*-23.8*	31.3	*-28.4*
TEXTILE	927.1	1229.3	*-24.6*	1172.8	*-20.9*	1280.3	*-27.6*
OLEFIN	591.1	648.1	*-8.8*	632.4	*-6.5*	645.3	*-8.4*
TOTAL NONCELLULOSIC ABOVE	**3100.8**	**3745.1**	*-17.2*	**3815.8**	*-18.7*	**4099.9**	*-24.4*
STAPLE+TOW+FIBERFILL							
RAYON	**360.2**	**456.7**	*-21.1*	**451.7**	*-20.3*	**542.5**	*-33.6*
NYLON	690.9	721.5	*-4.2*	745.1	*-7.0*	944.5	*-26.9*
ACRYLIC+MODACRYLIC	632.2	694.5	*-9.0*	771.1	*-18.0*	770.2	*-17.9*
POLYESTER	1941.6	2598.8	*-25.3*	2539.4	*-23.5*	2469.2	*-21.4*
OLEFIN+VINYON	143.8	135.5	*+7.7*	118.7	*+21.1*	122.8	*+17.1*
TOTAL NONCELLULOSIC ABOVE	**3408.5**	**4148.3**	*-17.8*	**4172.3**	*-18.3*	**4306.7**	*-20.9*

a. Percent change from 1981 to 1982.
b. Percent change from 1980 as compared to 1982 only.
c. Percent change from 1979 as compared to 1982 only.
Also see footnotes on last page of this issue.

Textile
Organon

SPECIAL REPORT

Capacity Utilization Review

Editor's Note--With this Special Report, the ***Textile Organon*** *continues its policy of presenting fiber information in a way that highlights significant trends in the U.S. man-made fiber industry. This issue features production, producing capacity and capacity utilization in the industry from 1970 to 1982.*

During this period, several notable trends surfaced. The more significant were the growth of textile glass production from 1970 (an increase of 123% by 1981) and the decline of cellulosic fiber production (a decrease of 44% by 1981). Yet, cellulosic fibers maintained a capacity utilization rate of at least 80% for most years, while the textile glass fiber capacity utilization rate for many years plunges below the 80% level and, in 1980, was as low as 59%.

Noncellulosic fibers exhibited a relatively stable utilization rate, for most years in the 70-80% range. It should be noted, however, that 1982, at 69%, represented the lowest utilization rate since 1970.

Six tables comprise the data base for this report: Review of Production, Producing Capacity & Capacity Utilization; Summary of Annual Production (1970-1982); Production of Noncellulosic, Cellulosic & Textile Glass Fibers as a Percentage of Total Man-Made Fiber Production; Summary of Producing Capacities (1970-1982); Producing Capacity of Noncellulosic, Cellulosic & Textile Glass Fibers as a Percentage of Total Man-Made Fiber Capacity; and Summary of Capacity Utilization Rates (1970-1982).

Review of Production, Producing Capacity & Capacity Utilization ties the three major components of this report -- production, producing capacity & capacity utilization -- into one table for easy reference and comprehension.

For the purpose of the report, **November** Textile Economics Bureau capacity survey data are used as the annual capacity figures.

The tables on pages 6 and 7 present the capacity data for 1970-1982 and percent changes over those years.

In similar fashion, the tables on pages 4 and 5 list the production data for the same period and percent changes for those years.

Finally, the table on page 8 gives the capacity utilization rates by individual as well as generic fiber type.

REVIEW OF PRODUCTION, PRODUCING CAPACITY & CAPACITY UTILIZATION

MILLION POUNDS *& Percent*

FIBER TYPE	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
NONCELLULOSICS													
PRODUCTION	3,572	4,285	5,346	6,297	6,212	5,875	6,615	7,312	7,768	8,418	7,874	7,982	6,449
CAPACITY	4,844	5,397	6,376	7,022	7,756	8,420	9,116	9,352	9,555	9,784	9,627	9,696	9,334
UTILIZATION (%)	*73.7*	*79.4*	*83.8*	*89.7*	*80.1*	*69.8*	*72.6*	*78.2*	*81.3*	*86.0*	*81.8*	*82.3*	*69.1*
CELLULOSICS													
PRODUCTION	1,375	1,391	1,394	1,357	1,199	749	841	888	905	930	806	770	NA
CAPACITY	1,715	1,615	1,513	1,495	1,375	1,259	1,195	1,065	1,086	1,109	909	898	895
UTILIZATION (%)	*80.2*	*86.1*	*92.1*	*90.9*	*87.3*	*60.5*	*70.5*	*83.5*	*83.3*	*83.9*	*88.7*	*85.7*	*NA*
TEXTILE GLASS													
PRODUCTION	467	468	572	688	685	547	676	787	925	1,014	867	1,041	NA
CAPACITY	657	696	721	737	821	909	893	1,002	1,118	1,305	1,473	1,561	1,718
UTILIZATION (%)	*71.1*	*67.2*	*79.3*	*93.3*	*83.2*	*60.2*	*75.7*	*78.5*	*82.6*	*77.7*	*58.9*	*66.7*	*NA*
TOTAL MAN-MADE FIBERS													
PRODUCTION	5,412	6,142	7,312	8,342	8,094	7,171	8,132	8,987	9,596	10,362	9,547	9,793	NA
CAPACITY	7,214	7,708	8,610	9,252	9,950	10,568	11,202	11,417	11,759	12,198	12,009	12,155	11,947
UTILIZATION (%)	*75.0*	*79.7*	*84.9*	*90.2*	*81.3*	*67.9*	*72.6*	*78.7*	*81.6*	*84.9*	*79.5*	*80.6*	*NA*

NA means not available.

SUMMARY OF ANNUAL PRODUCTION (1970-1982)

MILLION POUNDS

YEAR	CELLULOSIC FIBERS						TOTAL CELL.
	FILAMENT YARN+MONOFIL			STAPLE+TOW			
	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	
1970	268	463	**731**	607	35	**642**	**1,373**
1971	304	449	**753**	612	26	**638**	**1,391**
1972	252	401	**653**	713	28	**741**	**1,394**
1973	198	437	**635**	697	25	**722**	**1,357**
1974	172	362	**534**	645	20	**665**	**1,199**
1975	65	301	**366**	371	12	**383**	**749**
1976	68	287	**355**	475	11	**486**	**841**
1977	71	282	**353**	527	8	**535**	**888**
1978	62	301	**363**	535	7	**542**	**905**
1979	57	317	**374**	549	7	**556**	**930**
1980	47	309	**356**	443	7	**450**	**806**
1981	48	257	**305**	461	4	**465**	**770**
1982	NA	195	**NA**	455	NA	**NA**	**NA**

YEAR	NONCELLULOSIC FIBERS														TOTAL NON-CELL.	TEXTILE GLASS FIBER
	YARN+MONOFILAMENTS									STAPLE+TOW						
	NYLON+ARAMID				POLYESTER			OLEFIN	TOTAL YARN	NYLON+ ARAMID	POLY-ESTER	ACRYLIC+ MODACRY.	OLEFIN+ VINYON	TOTAL STAPLE		
	INDUS.	TEXTILE	CARPET	TOTAL	INDUS.	TEXTILE	TOTAL									
1970				**1,138**			**441**	200	**1,779**	217	1,022	492	62	**1,793**	**3,572**	467
1971		DETAIL		**1,238**		DETAIL	**678**	262	**2,178**	357	1,143	545	60	**2,105**	**4,283**	468
1972		NOT		**1,464**		NOT	**952**	347	**2,763**	511	1,376	626	70	**2,583**	**5,346**	572
1973		AVAILABLE		**1,583**		AVAILABLE	**1,320**	424	**3,327**	592	1,568	742	68	**2,970**	**6,297**	688
1974				**1,560**			**1,408**	463	**3,431**	564	1,518	631	68	**2,781**	**6,212**	685
1975	348	417	531	**1,296**	271	1,188	**1,459**	443	**3,198**	562	1,536	525	54	**2,677**	**5,875**	547
1976	390	429	554	**1,373**	342	1,063	**1,405**	516	**3,294**	703	1,936	621	61	**3,321**	**6,615**	676
1977	401	457	654	**1,512**	360	1,232	**1,592**	554	**3,658**	814	2,050	709	81	**3,654**	**7,312**	787
1978	438	503	713	**1,654**	355	1,209	**1,564**	597	**3,815**	896	2,236	726	95	**3,953**	**7,768**	925
1979	499	528	755	**1,782**	373	1,342	**1,715**	639	**4,136**	939	2,462	761	120	**4,282**	**8,418**	1,014
1980	437	466	728	**1,631**	286	1,176	**1,462**	632	**3,725**	727	2,527	779	116	**4,149**	**7,874**	867
1981	410	461	710	**1,581**	309	1,257	**1,566**	643	**3,790**	752	2,007	691	142	**4,192**	**7,982**	1,041
1982	315	354	577	**1,246**	292	922	**1,214**	586	**3,046**	686	1,955	624	138	**3,403**	**6,449**	NA

NA means not available.

Rayon yarn includes industrial (high tenacity) yarn and textile (regular+intermediate tenacity) yarn+monofilaments.

Acetate includes diacetate and triacetate. The acetate staple+tow data do not include poundages of tow for cigarette filtration.

Olefin includes polypropylene yarn+monofilaments+spunbonded+film fiber and polyethylene monofilaments+film fiber.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

PRODUCTION OF NONCELLULOSIC, CELLULOSIC & TEXTILE GLASS FIBERS AS A PERCENTAGE OF TOTAL MAN-MADE FIBER PRODUCTION

MILLION POUNDS & *Percent*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	TEXTILE GLASS	%	TOTAL MAN-MADE FIBER	%
1970	3,572	66.0	1,373	25.4	467	8.6	5,412	100.0
1971	4,285	69.7	1,591	22.7	468	7.6	6,142	100.0
1972	5,346	73.1	1,394	19.1	572	7.8	7,312	100.0
1973	6,297	75.5	1,357	16.3	688	8.2	8,342	100.0
1974	6,212	76.7	1,199	14.8	685	8.5	8,094	100.0
1975	5,875	81.9	749	10.5	547	7.6	7,171	100.0
1976	6,615	81.4	841	10.3	676	8.3	8,132	100.0
1977	7,312	81.4	888	9.9	787	8.7	8,987	100.0
1978	7,768	80.9	905	9.5	923	9.6	9,596	100.0
1979	8,418	81.2	930	9.0	1,014	9.8	10,362	100.0
1980	7,874	82.5	806	8.4	867	9.1	9,547	100.0
1981	7,982	81.5	770	7.9	1,041	10.6	9,795	100.0
1982	6,449	NA	NA	NA	NA	NA	NA	100.0

PERCENT CHANGE IN PRODUCTION

YEAR	% CHANGE FROM 1970				% CHANGE FROM YEAR TO YEAR			
	NON-CELLULOSIC	CELLULOSIC	TEXTILE GLASS	TOTAL MAN-MADE FIBER	NON-CELLULOSIC	CELLULOSIC	TEXTILE GLASS	TOTAL MAN-MADE FIBER
	%	%	%	%	%	%	%	%
1970								
1971	+19.9	+1.3	+0.1	+13.5	+19.9	+1.3	+0.1	+13.5
1972	+49.7	+1.5	+22.5	+35.1	+24.8	+0.2	+22.2	+19.0
1973	+76.3	-1.2	+47.3	+54.1	+17.8	-2.6	+20.3	+14.1
1974	+73.9	-12.7	+46.3	+49.5	-1.3	-11.6	-0.7	-3.0
1975	+64.5	-45.4	+17.1	+32.5	-5.4	-37.5	-19.9	-11.4
1976	+85.2	-38.7	+44.8	+50.2	+12.6	+12.2	+23.6	+13.4
1977	+104.7	-35.3	+68.5	+66.0	+10.5	+5.6	+16.4	+10.5
1978	+117.5	-34.1	+97.6	+77.3	+6.2	+1.9	+17.3	+6.8
1979	+135.7	-32.3	+117.1	+91.5	+8.4	+2.8	+9.9	+8.0
1980	+120.4	-41.3	+85.7	+76.4	-6.5	-13.3	-14.5	-7.9
1981	+123.5	-43.9	+122.9	+80.9	-1.4	-4.5	+20.1	+2.6
1982	+80.5	NA	NA	NA	-19.2	NA	NA	NA

All data presented are taken from the table opposite.

SUMMARY OF PRODUCING CAPACITIES (1970-1982)

MILLION POUNDS

	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL
YEAR[a]	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	CELL.
1970	360	494	**854**	819	40	**859**	**1,713**
1971	337	490	**827**	757	31	**788**	**1,615**
1972	235	486	**721**	761	31	**792**	**1,513**
1973	224	473	**697**	768	28	**796**	**1,493**
1974	172	449	**621**	724	28	**752**	**1,373**
1975	100	384	**484**	737	18	**755**	**1,239**
1976	85	399	**484**	691	18	**709**	**1,193**
1977	85	315	**400**	655	8	**663**	**1,063**
1978	83	330	**413**	665	8	**673**	**1,086**
1979	75	355	**430**	671	8	**679**	**1,109**
1980	63	324	**387**	514	8	**522**	**909**
1981	52	332	**384**	509	5	**514**	**898**
1982	63	318	**381**	510	4	**514**	**895**

	NONCELLULOSIC FIBERS														
	YARN+MONOFILAMENTS									STAPLE+TOW					
	NYLON+ARAMID				POLYESTER			OLEFIN	TOTAL	NYLON+	POLY-	ACRYLIC+	OLEFIN+	TOTAL	TOTAL NON-	TEXTILE GLASS
YEAR[a]	INDUS.	TEXTILE	CARPET	TOTAL	INDUS.	TEXTILE	TOTAL		YARN	ARAMID	ESTER	MODACRY.	VINYON	STAPLE	CELL.	FIBER
1970	480	569	428	**1,477**	294	316	**610**	335	**2,422**	280	1,570	659	113	**2,422**	**4,844**	657
1971	464	522	531	**1,516**	337	559	**896**	365	**2,777**	460	1,355	698	107	**2,620**	**5,397**	696
1972	469	559	626	**1,654**	364	892	**1,256**	432	**3,342**	602	1,571	754	107	**3,034**	**6,376**	721
1973	466	534	707	**1,707**	385	1,118	**1,503**	510	**3,720**	701	1,709	787	105	**3,302**	**7,022**	737
1974	494	552	770	**1,816**	405	1,351	**1,756**	600	**4,172**	757	1,889	824	104	**3,584**	**7,756**	821
1975	503	553	786	**1,842**	391	1,576	**1,967**	815	**4,624**	827	2,021	827	121	**3,796**	**8,420**	909
1976	519	552	787	**1,858**	442	1,701	**2,143**	861	**4,862**	910	2,355	869	120	**4,254**	**9,116**	893
1977	525	558	829	**1,910**	445	1,698	**2,141**	907	**4,958**	939	2,470	869	116	**4,394**	**9,352**	1,002
1978	510	565	908	**1,983**	443	1,643	**2,086**	915	**4,984**	1,024	2,554	865	129	**4,571**	**9,555**	1,118
1979	515	579	950	**2,042**	443	1,699	**2,142**	922	**5,106**	1,020	2,673	839	146	**4,678**	**9,784**	1,305
1980	515	551	910	**1,976**	400	1,637	**2,037**	900	**4,913**	991	2,759	830	134	**4,714**	**9,627**	1,473
1981	514	553	893	**1,960**	316	1,481	**1,797**	989	**4,746**	1,010	2,849	835	266	**4,950**	**9,696**	1,561
1982	474	513	925	**1,912**	338	1,265	**1,603**	1,038	**4,553**	978	2,700	832	271	**4,781**	**9,334**	1,718

a. All annual capacity data are as of November of that year.

The data do not include the poundages of acetate tow for cigarette filtration.

INDUS. means industrial yarn and monofil, i.e., coarser than 500 denier with an Instron tenacity of 7 grams or more per denier.

CARPET means bulked continuous filament yarn for carpets.

TEXTILE means yarn & monofil for other (textile) applications. Low denier industrial yarn is tabulated here also.

Olefin includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles and film fiber used for decorative or tying ribbon, etc. Olefin monofil includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated film.

For the purposes of this report, production data for miscellaneous fibers, such as saran and spandex, are not included.

PRODUCING CAPACITY OF NONCELLULOSIC, CELLULOSIC & TEXTILE GLASS FIBERS AS A PERCENTAGE OF TOTAL MAN-MADE FIBER CAPACITY

MILLION POUNDS *& Percent*

YEAR	NON-CELLULOSIC	%	CELLULOSIC	%	TEXTILE GLASS	%	TOTAL MAN-MADE FIBER	%
1970	4,844	67.2	1,713	23.7	657	9.1	7,214	100.0
1971	5,397	70.0	1,615	21.0	696	9.0	7,708	100.0
1972	6,376	74.0	1,513	17.6	721	8.4	8,610	100.0
1973	7,022	75.9	1,493	16.1	737	8.0	9,252	100.0
1974	7,756	77.9	1,373	13.8	821	8.3	9,950	100.0
1975	8,420	79.7	1,239	11.7	909	8.6	10,568	100.0
1976	9,116	81.4	1,193	10.6	893	8.0	11,202	100.0
1977	9,552	81.9	1,065	9.3	1,002	8.8	11,417	100.0
1978	9,555	81.3	1,086	9.2	1,118	9.5	11,759	100.0
1979	9,784	80.2	1,109	9.1	1,305	10.7	12,198	100.0
1980	9,627	80.2	909	7.5	1,475	12.3	12,009	100.0
1981	9,696	79.8	898	7.4	1,561	12.8	12,155	100.0
1982	9,334	78.1	895	7.5	1,718	14.4	11,947	100.0

PERCENT CHANGE IN PRODUCING CAPACITY

YEAR	% CHANGE FROM 1970				% CHANGE FROM YEAR TO YEAR			
	NON-CELLULOSIC	CELLULOSIC	TEXTILE GLASS	TOTAL MAN-MADE FIBER	NON-CELLULOSIC	CELLULOSIC	TEXTILE GLASS	TOTAL MAN-MADE FIBER
	%	%	%	%	%	%	%	%
1970								
1971	+11.4	-5.7	+5.9	+6.8	+11.4	-5.7	+5.9	+6.8
1972	+31.6	-11.7	+9.7	+19.4	+18.1	-6.3	+3.6	+11.7
1973	+45.0	-12.8	+12.2	+28.3	+10.1	-1.3	+2.2	+7.5
1974	+60.1	-19.8	+25.0	+37.9	+10.5	-8.0	+11.4	+7.5
1975	+73.8	-27.7	+38.4	+46.5	+8.6	-9.8	+10.7	+6.2
1976	+88.2	-30.4	+35.9	+55.3	+8.3	-3.6	-1.8	+6.0
1977	+93.1	-37.9	+52.5	+58.3	+2.6	-10.9	+12.2	+1.9
1978	+97.2	-36.6	+70.2	+63.0	+2.2	+2.2	+11.6	+3.0
1979	+102.0	-35.3	+98.6	+69.1	+2.4	+2.1	+16.7	+3.7
1980	+98.7	-46.9	+124.2	+66.5	-1.6	-18.0	+12.9	-1.5
1981	+100.2	-47.6	+137.6	+68.5	+0.7	-1.2	+6.0	+1.2
1982	+92.7	-47.8	+161.5	+65.6	-3.7	-0.3	+10.1	-1.7

All data are taken from the table opposite.

SUMMARY OF CAPACITY UTILIZATION RATES (1970-1982)

Percent

	CELLULOSIC FIBERS						
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL
YEAR	RAYON	ACETATE	TOTAL	RAYON	ACETATE	TOTAL	CELL.
1970	74.4	93.7	**85.6**	74.1	87.5	**74.7**	**80.2**
1971	90.2	91.6	**91.1**	80.8	83.9	**81.0**	**86.1**
1972	107.2	82.5	**90.6**	93.7	90.3	**93.6**	**92.1**
1973	88.4	92.4	**91.1**	90.8	89.3	**90.7**	**90.9**
1974	100.0	80.6	**86.0**	89.1	71.4	**88.4**	**87.3**
1975	65.0	78.4	**75.6**	50.3	66.7	**50.7**	**60.5**
1976	80.0	71.9	**73.3**	68.7	61.1	**68.5**	**70.5**
1977	83.5	89.5	**88.3**	80.5	100.0	**80.7**	**83.5**
1978	74.7	91.2	**87.9**	80.5	87.5	**80.5**	**83.3**
1979	76.0	89.3	**87.0**	81.8	87.5	**81.9**	**83.9**
1980	74.6	95.4	**92.0**	86.2	87.5	**86.2**	**88.7**
1981	92.3	77.4	**79.4**	90.6	80.0	**90.5**	**85.7**
1982	NA	61.3	**NA**	69.6	NA	**NA**	**NA**

	NONCELLULOSIC FIBERS															
	YARN+MONOFILAMENTS									STAPLE+TOW					TOTAL	TEXTILE
	NYLON+ARAMID				POLYESTER			OLEFIN	TOTAL	NYLON+	POLY-	ACRYLIC+	OLEFIN+	TOTAL	NON-	GLASS
YEAR	INDUS.	TEXTILE	CARPET	TOTAL	INDUS.	TEXTILE	TOTAL		YARN	ARAMID	ESTER	MODACRY.	VINYON	STAPLE	CELL.	FIBER
1970				**77.0**			**72.3**	59.7	**73.5**	77.5	74.6	74.7	54.9	**74.0**	**73.7**	71.1
1971	DETAIL			**81.7**	DETAIL		**75.7**	71.8	**78.4**	77.6	84.4	78.1	56.1	**80.3**	**79.4**	67.2
1972	NOT			**88.5**	NOT		**75.8**	80.3	**82.7**	84.9	87.6	83.0	65.4	**85.1**	**83.8**	70.3
1973	AVAILABLE			**92.7**	AVAILABLE		**87.8**	83.1	**89.4**	84.5	91.7	94.3	64.8	**89.9**	**89.7**	93.5
1974				**85.9**			**80.2**	77.2	**82.2**	74.5	79.9	76.6	65.4	**77.6**	**80.1**	85.2
1975	69.2	75.4	67.6	**70.4**	69.3	75.4	**74.2**	54.4	**69.2**	68.0	76.0	63.5	44.6	**70.5**	**69.8**	60.2
1976	75.1	77.7	70.4	**73.9**	77.4	62.5	**65.6**	59.9	**67.7**	77.3	82.2	71.5	50.8	**78.1**	**72.6**	75.7
1977	76.7	81.9	78.9	**79.3**	81.3	72.6	**74.4**	61.1	**73.8**	86.7	83.0	81.6	69.8	**83.2**	**78.2**	78.5
1978	85.9	89.0	78.5	**83.4**	80.1	73.6	**75.0**	65.2	**76.5**	87.6	87.5	83.9	73.6	**86.5**	**81.3**	82.6
1979	97.3	91.2	79.5	**87.3**	84.2	79.0	**80.1**	69.3	**81.0**	92.1	92.1	90.7	82.2	**91.5**	**86.0**	77.7
1980	84.9	84.6	80.0	**82.5**	71.5	71.8	**71.8**	70.2	**75.8**	73.4	91.6	93.9	86.6	**88.0**	**81.8**	58.9
1981	79.8	83.4	79.5	**80.7**	97.8	84.9	**87.1**	65.0	**79.9**	74.5	91.8	82.8	53.4	**84.7**	**82.3**	66.7
1982	66.5	69.0	62.4	**65.2**	86.4	72.9	**75.7**	56.5	**66.9**	70.1	72.4	75.0	50.9	**71.2**	**69.1**	NA

NA means not available.

All percentages are tabulated using the tables on pages 4 and 6.

U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES, COTTON MANUFACTURES & WOOL MANUFACTURES

MILLION POUNDS

PRODUCTS	2ND Q 1981			3RD Q 1981			4TH Q 1981			1ST Q 1982			2ND Q 1982			3RD Q 1982		
	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]	IMPORTS	EXPORTS	BALANCE[a]
CELLULOSIC FIBERS																		
YARN • MONOFILAMENTS	2.6	6.0	3.4 E	2.6	4.5	1.9 E	2.1	5.8	3.7 E	2.0	7.4	5.4 E	2.1	4.5	2.4 E	1.6	6.0	4.4 E
STAPLE • TOW[b]	4.0	16.3	12.3 E	4.5	15.0	10.5 E	4.3	15.0	10.7 E	5.8	14.7	10.9 E	2.7	14.9	12.2 E	4.1	17.4	13.3 E
WASTE	0.1	0.8	0.7 E	0.1	0.4	0.3 E	0.2	0.9	0.7 E	0.1	1.0	0.9 E	0.2	1.3	1.1 E	0.1	0.4	0.3 E
SUBTOTAL ABOVE	**6.7**	**23.1**	**16.4 E**	**7.2**	**19.9**	**12.7 E**	**6.6**	**21.7**	**15.1 E**	**5.9**	**23.1**	**17.2 E**	**5.0**	**20.7**	**15.7 E**	**5.8**	**23.8**	**18.0 E**
NONCELLULOSIC FIBERS																		
YARN • MONOFILAMENTS	5.7	118.0	112.3 E	5.2	119.7	114.5 E	4.6	109.9	105.3 E	4.2	109.3	105.1 E	4.9	114.8	109.9 E	6.9	62.4	55.5 E
STAPLE • TOW	16.4	207.5	191.1 E	19.1	205.1	186.0 E	12.2	191.1	178.9 E	9.6	148.6	139.0 E	10.7	85.6	74.9 E	15.4	87.0	71.6 E
WASTE	11.0	27.9	16.9 E	12.5	25.0	12.5 E	13.4	28.7	14.3 E	10.3	28.5	18.2 E	10.4	23.9	13.5 E	9.3	13.7	4.4 E
SUBTOTAL ABOVE	**33.1**	**353.4**	**320.3 E**	**36.8**	**349.8**	**313.0 E**	**31.2**	**329.7**	**298.5 E**	**24.1**	**286.4**	**262.3 E**	**26.0**	**224.3**	**198.3 E**	**31.6**	**163.1**	**131.5 E**
TOTAL FIBER ABOVE[c]	**39.8**	**376.5**	**336.7 E**	**44.0**	**369.7**	**325.7 E**	**37.8**	**351.4**	**313.6 E**	**30.0**	**309.5**	**279.5 E**	**31.0**	**245.0**	**214.0 E**	**37.4**	**186.9**	**149.5 E**
MAN-MADE FIBER MANUFACTURES[d]																		
SLIVER, TOPS & ROVING	0.7	2.8	2.1 E	1.1	3.2	2.1 E	0.7	2.7	2.0 E	1.0	2.5	1.5 E	0.3	1.2	0.9 E	1.0	1.9	0.9 E
SPUN YARNS	8.2	13.4	5.2 E	6.7	9.3	2.6 E	6.6	8.4	1.8 E	6.1	7.6	1.5 E	8.7	8.2	0.5 I	9.0	6.5	2.5 I
THREAD & CRAFT YARNS	0.8	1.3	0.5 E	0.6	1.2	0.6 E	0.8	1.5	0.7 E	0.6	1.4	0.8 E	0.6	1.6	1.0 E	0.4	1.0	0.6 E
TIRE CORD & FABRIC	-	12.4	12.4 E	0.1	11.8	11.7 E	0.2	9.9	9.7 E	0.1	8.6	8.5 E	-	7.7	7.7 E	0.3	6.2	5.9 E
WOVEN FABRIC	25.7	61.5	35.8 E	26.0	45.4	19.4 E	22.3	44.2	21.9 E	21.2	31.5	10.1 E	24.6	36.1	11.5 E	26.1	31.3	5.2 E
KNIT FABRIC	0.4	7.3	6.9 E	0.5	4.9	4.4 E	0.6	5.8	5.2 E	0.6	3.6	3.0 E	0.6	3.5	2.9 E	0.6	4.2	3.6 E
NARROW FABRIC	2.4	6.9	4.5 E	2.5	6.4	4.1 E	2.1	6.7	4.6 E	2.4	6.3	3.9 E	3.2	7.5	4.3 E	2.5	6.7	4.2 E
APPAREL KNIT	47.2	35.1	74.0 I	60.7	27.8	111.3 I	44.0	24.8	80.6 I	34.2	21.5	81.2 I	45.7	21.3	97.6 I	65.8	17.9	135.0 I
NOT KNIT	61.9			78.4			61.4			68.5			73.2			87.1		
HOME FURNISHINGS	14.1	22.1	26.9 E	16.5	20.4	19.7 E	17.2	18.9	16.8 E	14.3	17.5	15.8 E	17.2	19.8	18.0 E	19.0	14.1	8.2 E
OTHER		18.9			15.6			15.1			12.8			15.4			13.1	
TOTAL MANUFACTURES	**161.4**	**181.7**	**20.3 E**	**192.7**	**146.0**	**46.7 I**	**155.9**	**136.0**	**19.9 I**	**149.0**	**112.9**	**36.1 I**	**174.1**	**122.3**	**51.8 I**	**211.8**	**102.9**	**108.9 I**
TOTAL MAN-MADE FIBER & MANUFACTURES	**201.2**	**558.2**	**357.0 E**	**236.7**	**515.7**	**279.0 E**	**193.7**	**487.4**	**293.7 E**	**179.0**	**422.4**	**243.4 E**	**205.1**	**367.3**	**162.2 E**	**249.2**	**289.8**	**40.6 E**
COTTON MANUFACTURES[e]	**231.2**	**105.6**	**125.6 I**	**258.0**	**79.8**	**178.2 I**	**235.4**	**78.8**	**156.6 I**	**211.5**	**65.4**	**146.1 I**	**221.3**	**73.3**	**148.0 I**	**250.0**	**59.1**	**190.9 I**
WOOL MANUFACTURES[f]	**29.2**	**3.4**	**25.8 I**	**36.5**	**2.7**	**33.8 I**	**24.4**	**2.7**	**21.7 I**	**21.7**	**3.0**	**18.7 I**	**29.6**	**3.5**	**26.1 I**	**37.0**	**2.9**	**34.1 I**

SOURCES: The man made fiber import and export data are from the U.S. Bureau of the Census. The man made, cotton and wool manufactures data are from *Cotton and Wool Situation*, a publication of the U.S. Department of Agriculture.

The total man made fiber and manufactures import, export and balance data of this table cover the cellulosic and noncellulosic fibers only; textile glass fiber is excluded.

a. **E** means a net export balance; **I** is a net import balance.

b. Acetate tow is excluded.

c. The fibers included are shown as "Total Man Made Fiber Above" on page 15 of this issue for imports and page 250 of the December issue for exports.

d. Man made fiber equivalent.

e. Raw cotton equivalent. Data are similar to those on page 45 of the March 1982 *Organon*.

f. Raw wool content. The data differ from those on page 45 of the March *Organon* to the extent that noils and waste are included here.

YARN CONSUMED IN BROAD WOVEN FABRIC MILLS[a]

MILLION POUNDS

YARN	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
100% FILAMENT												
RAYON, ACETATE & TRIACETATE	34.1	33.4	27.6	31.6	126.7	35.4	35.9	34.8	34.0	140.1	33.1	32.5
NYLON	104.4	85.2	81.7	94.6	365.9	96.5	88.5	90.0	77.9	352.7	77.5	70.2
POLYESTER	124.8	110.8	103.0	125.4	464.0	139.0	145.5	139.2	123.8	545.5	114.7	123.2
TEXTILE GLASS	33.8	40.7	35.5	37.7	147.5	42.6	37.0	40.2	36.5	156.3	38.2	35.8
OLEFIN & SARAN	74.0	67.9	74.0	112.0	318.9	107.3	80.4	71.5	68.7	327.9	57.1	62.9
ALL OTHER	4.6	2.8			10.4							
TOTAL FILAMENT YARN ABOVE	**395.7**	**338.8**	**321.6**	**401.3**	**1457.4**	**420.8**	**384.9**	**375.7**	**340.9**	**1522.3**	**320.6**	**324.4**
SPUN YARN												
100% COTTON	364.8	348.6	311.7	331.2	1356.3	322.5	328.5	303.1	293.7	1242.6	285.5	282.7
100% WOOL	9.4	10.0	6.5	8.4	34.1	12.5	12.4	7.5	7.9	40.1	11.7	8.8
100% ACRYLIC	6.7	8.0	7.4	6.5	28.6	5.6	6.0	5.1	4.1	20.8	5.5	5.6
100% POLYESTER	45.4	35.1	30.8	27.8	137.1	40.5	39.8	41.7	38.1	160.1	33.6	30.2
RAYON AND OR ACETATE[b]	29.7	22.0	21.4	24.6	97.7	27.8	27.0	24.6	24.6	104.0	20.8	22.5
POLYESTER COTTON BLENDS[c]	359.6	355.5	324.5	338.2	1377.6	330.5	328.0	318.6	294.2	1271.3	287.6	275.0
POLYESTER WOOL BLENDS[c]	5.1	6.0	5.5	5.6	22.2	6.4	7.6	7.8	6.2	28.0	7.7	6.8
POLYESTER RAYON BLENDS[c]	35.4	39.4	36.9	45.7	157.4	37.8	39.1	41.0	37.6	155.5	37.3	32.2
TOTAL SPUN YARN ABOVE	**854.1**	**824.6**	**744.3**	**785.0**	**3206.0**	**783.2**	**785.4**	**749.4**	**706.4**	**3022.4**	**687.7**	**661.6**
ALL OTHER YARNS[d]	28.6	24.0	24.5	31.5	108.6	28.7	29.1	26.9	22.8	107.5	21.1	28.4
GRAND TOTAL	**1278.4**	**1187.4**	**1090.4**	**1215.8**	**4772.0**	**1232.7**	**1197.4**	**1152.0**	**1070.1**	**4652.2**	**1029.4**	**1014.4**

SOURCE: U.S. Census Bureau, *Current Industrial Report MQ-22T.*

a. Includes data from all types of broad woven fabric mills, i.e., cotton, man made, woolen & worsted and tire cord & fabric mills.

b. Includes 100% spun rayon and acetate as well as rayon and or acetate/cotton blends, regardless of blend level.

c. Regardless of blend level.

d. All Other Yarns includes spun nylon, other blends, silk and paper.

TIRE CORD & TIRE CORD FABRICS PRODUCTION

MILLION POUNDS

TYPE OF FABRIC	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
TIRE CORD & TIRE FABRICS												
NYLON	76.0	58.2	57.6	72.5	264.3	71.4	62.9	58.2	59.6	267.1	59.8	51.0
POLYESTER	47.0	31.4	35.0	48.5	161.7	53.8	55.7	55.5	49.1	211.9	42.9	37.4
RAYON	6.1	5.5	8.1	7.9	36.8	4.0	3.7	3.2	2.9	13.8	10.5	10.0
GLASS	5.1	4.1			19.8	4.6	5.7	6.7	4.7	21.7		
CHAFER & OTHER[a]	7.7	6.4	7.6	8.2	29.9	16.2	10.5	13.0	14.6	54.3	14.8	13.2
TOTAL TIRE CORD & TIRE CORD FABRICS	**141.9**	**105.4**	**108.3**	**136.9**	**492.5**	**150.0**	**136.5**	**151.4**	**130.9**	**568.8**	**127.8**	**111.6**

SOURCE: U.S. Census Bureau, *Current Industrial Report MQ-22T.*

a. Includes a nominal amount of cotton and some steel.

NEW BOOKS

PRINTED TEXTILES

Terry A. Gentille. Prentice Hall, Inc. Englewood Cliffs, NJ 07632. 118 pages. 1982. Hardcover, $21.95. Softcover, $12.95.

This book, from Prentice Hall's Art & Design series, is subtitled "a guide to creative design fundamentals" and is directed to the individual who is interested in becoming a creative professional textile designer. It presents basic information on the use and care of tools of the trade and an introduction to specific production printing techniques. It provides the reader with opportunities to experience the process of producing a textile design, from inspiration and concept to final presentation in a form suitable to the requirements of the industry.

In addition, step-by-step instructions are provided on how to develop motifs, design layouts and create repeats. Basic painting and drawing techniques used by textile designers are fully illustrated, as are specific designs and fabrics by individual artists. Exercises are designed to stimulate the imagination, encourage the use of a wide range of techniques and materials and develop various styles and moods. The book concludes with a glossary of essential terms and a bibliography.

(Continued on page 12)

BROAD WOVEN GOODS PRODUCTION

MILLION SQUARE YARDS

TYPE OF FABRIC	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
COTTON FABRICS[a]	**1228.9**	**1186.2**	**990.4**	**1064.6**	**4470.1**	**980.0**	**974.1**	**956.3**	**1002.5**	**3912.9**	**983.0**	**953.7**
DUCK & ALLIED FABRICS	28.5	25.6	21.8	17.2	93.1	20.7	25.3	20.1	23.0	95.1	26.5	24.1
SHEETING & ALLIED FABRICS	209.7	205.8	156.5	181.1	752.9	175.5	170.4	165.0	169.4	678.1	154.3	129.1
PRINT CLOTH YARN FABRICS	469.1	455.0	376.2	419.7	1720.0	351.9	333.3	339.1	408.0	1432.3	411.2	404.0
DENIMS	167.2	170.2	151.0	148.9	637.3	146.1	150.7	155.3	138.2	590.3	126.4	119.6
TOWELING, WASH. & DISHCLOTHS	126.5	120.1	106.5	122.5	475.6	127.8	125.1	115.9	121.0	489.8	100.7	115.6
BLANKETING & OTHER NAPPED FABRICS	52.0	27.1	24.2	27.3	110.6	24.5	24.5	20.4	18.2	87.4	14.9	15.1
FINE COTTON FABRICS[b]	54.0	80.8	29.2	17.4	181.4	27.3	29.6	31.7	32.3	120.9	58.0	41.8
CORDUROYS	125.6	115.2	93.5	87.8	419.9	75.2	74.7	68.0	60.8	278.7	66.9	67.7
UPHOLSTERY & TAPESTRY	6.2	9.7	7.5	6.9	30.1	5.9	7.0	7.2	6.4	26.5	6.8	5.1
VELVETS	5.9	5.4	5.1	5.0	13.4	2.0	5.2	5.2	2.9	11.3	2.9	5.6
ALL OTHER FABRICS	20.2	24.7	21.5	32.8	105.2	25.3	30.5	20.4	22.5	104.5	28.4	28.4
WOOLEN & WORSTED FABRICS[c]	**45.2**	**46.8**	**51.9**	**54.4**	**158.3**	**46.6**	**48.9**	**56.4**	**53.1**	**165.0**	**38.2**	**36.2**
MEN'S & BOYS' CLOTHING	21.8	21.3	13.8	14.3	71.2	22.9	22.5	15.7	15.2	76.3	17.9	16.2
WOMEN'S & CHILDREN'S CLOTHING	19.2	22.5	16.2	16.9	74.6	22.4	25.4	19.7	16.6	84.0	18.7	18.4
NONAPPAREL FABRICS	4.2	5.2	1.9	3.2	12.5	1.3	1.1	1.0	1.3	4.7	1.6	1.6
MAN-MADE FABRICS	**2726.7**	**2611.6**	**2468.0**	**2967.8**	**10774.1**	**2892.5**	**2867.2**	**2841.4**	**2571.0**	**11172.1**	**2352.3**	**2282.0**
100% FILAMENT YARN FABRICS												
COMBINATIONS, CHIEFLY ACETATE	12.4	12.5	11.9	14.9	50.7	14.1	14.0	13.0	11.5	52.6	10.5	8.8
100% NYLON	166.0	156.7	132.4	146.9	602.0	118.8	103.5	109.5	101.2	432.6	110.5	110.0
100% POLYESTER	248.6	278.4	256.8	300.7	1086.5	302.2	320.5	312.4	266.5	1201.4	211.6	251.7
TEXTILE GLASS	115.2	97.9	85.5	93.2	391.8	106.6	92.8	99.1	87.6	386.1	86.1	80.2
100% ACETATE	81.3	91.5	87.3	98.5	358.6	99.9	99.0	93.6	95.9	388.4	77.5	89.0
COMBINATIONS, CHIEFLY POLYESTER	23.9	22.4	24.0	21.2	91.5	21.5	20.0	21.9	25.5	80.7	25.1	24.6
100% RAYON	6.5	6.7	6.0	7.1	26.1	7.1	6.4	6.0	5.0	24.5	5.0	5.1
OTHER	519.8	289.6	302.3	401.7	1513.4	357.5	326.5	301.4	293.4	1278.6	245.2	265.0
100% SPUN YARN FABRICS & BLENDS												
RAYON & ACETATE	90.2	90.1	84.8	160.8	431.4	174.5	179.6	144.2	94.1	592.4	30.5	28.7
ACRYLIC	5.9	4.5	5.2	4.7	18.1	2.9	3.7	5.2	2.5	12.3	6.4	2.6
100% POLYESTER	58.5	51.8	55.5	54.8	218.2	70.5	69.5	65.8	66.2	271.6	76.0	62.8
POLYESTER WITH COTTON[b]	111.4	110.5	101.5.0	111.0.0	434.2.9	110.0.6	108.8.2	111.0.1	102.1.9	432.0.8	100.9.3	90.1.3
POLYESTER WITH RAYON	14.7	14.4	14.2	16.7.0	59.0.3	17.7.3	19.0.9	19.5.7	17.6.6	73.8.5	15.5.1	11.8.1
POLYESTER WITH OTHER FIBERS	16.6	7.5	14.5	15.4	54.0	15.3	15.6	22.5	19.4	72.8	21.4	23.6
BLANKETING[d]	29.9	51.5	51.6	28.7	121.7	24.6	28.1	14.3[e]	11.7[e]	99.5	19.5	19.2
POLYESTER WITH WOOL	11.4	11.1	15.4	14.5	50.4	12.6	15.4	40.0[f]	37.3[f]	58.0	14.8	14.7
NYLON	5.2	6.1	5.2	6.3	22.8	8.6	12.5			39.0	12.3	14.7
ALL OTHER	12.3	10.1	9.0	12.4	43.8	4.5	4.5			15.9	3.2	4.0
COMBINATIONS & MIXTURE, [3]												
FILAMENT POLYESTER WARP	71.2	62.6	64.5	87.7	286.0	82.3	76.3	68.7	58.4	285.7	55.8	27.8[h]
FILAMENT RAYON OR ACETATE WARP	14.2	15.0	18.4	28.8	76.4	38.5	37.4	35.1	32.9	143.9	29.1	20.8
OTHER FILAMENT WARP	8.4	4.7	2.2	3.1	18.4						11.1	40.1[i]
OTHER	121.8	88.6	75.3	97.3	383.0	115.8	125.6	147.8	134.7	523.9	129.5	128.8
SPECIALTY FABRICS[g]												
VELVETS	4.1	4.5	5.9	5.9	16.2	4.4	4.6	5.9	5.4	16.3	3.8	3.7
UPHOLSTERY & TAPESTRY	29.9	25.0	18.2	26.0	97.1	28.9	28.6	27.9	21.2	106.6		
SILK	2.0	1.5	1.5	1.5	6.1	4.1	6.8	6.9	6.2	24.0	7.8	30.7
OTHER[j]	2.7	3.0	2.8	2.2	10.7							
TOTAL BROAD WOVEN FABRICS ABOVE	**4000.8**	**3844.6**	**3490.3**	**4066.8**	**15402.5**	**3919.1**	**3890.2**	**3834.1**	**3606.6**	**15250.0**	**3373.5**	**3271.9**

SOURCE: U.S. Census Bureau, *Current Industrial Report MQ-22T.*

a. Drapery & Bedspread Fabrics has been dropped from this category because any type of fabric can be used for those purposes and including it amounted to double counting.

b. These figures have been revised for 1981 because a number of companies were incorrectly including their chiefly cotton oxford shirting in the chiefly polyester category.

c. Felts are not included.

d. Acrylic+modacrylic and polyester. Does not include polyester for 3rd & 4th Q 1981.

e. Acrylic+modacrylic only.

f. Includes polyester blanketing.

g. Includes filament & spun yarn fabrics.

h. Textured polyester warp only. Other polyester warp is included in Other Filament Warp below.

i. Includes filament polyester warp, except textured polyester.

j. 100% or chiefly man made fibers; chief fiber not specified. Also includes small poundages of tie, twisted paper yarn and girdle & swimwear fabrics.

MAN-MADE FIBER BROAD WOVEN GOODS PRODUCTION

MILLION SQUARE YARDS

TYPE OF FABRIC	1980					1981					1982	
	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q	3RD Q	4TH Q	YEAR	1ST Q	2ND Q
100% FILAMENT YARN FABRICS	**973.5**	**955.7**	**908.2**	**1143.2**	**3980.6**	**1027.5**	**982.3**	**956.7**	**884.4**	**3850.9**	**769.1**	**834.4**
FILAMENT COMB., CHIEFLY ACETATE	12.4	12.5	11.9	13.9	50.7	14.1	14.0	13.0	11.5	52.6	10.3	8.8
100% FILAMENT NYLON	166.0	156.7	142.4	146.9	602.0	118.8	103.5	109.5	101.2	432.6	110.5	110.0
INDUSTRIAL TYPE	68.8	59.1	48.4	55.5	231.8	56.0	52.6	56.1	55.2	219.9	55.7	50.7
TAFFETAS (PLAIN WEAVE)												
50 & 70 DENIER	51.0	59.4	55.0	59.0	222.4	46.9	50.4	56.0	50.5	149.6	46.5	47.4
ALL OTHER	54.0	28.0	22.6	24.4	109.0	8.4	7.7	10.1	9.0	35.2		
TWILLS & SATINS[a]	4.5	4.0	5.1	5.5	14.7	5.2	5.5	5.4	5.6	15.7	8.1	11.9
ALL OTHER	7.9	6.2	5.5	4.7	24.1	4.5	5.1	5.7	5.1	14.2		
100% FILAMENT POLYESTER	248.6	278.4	258.8	300.7	1086.5	302.2	320.5	312.4	266.5	1201.4	211.6	251.7
TEXTURED YARN												
UP TO 4 OZ. SQ YD	45.6	51.6	52.9	52.5	200.6	64.6	68.5	73.7	69.8	276.4	55.2	51.0
4 OZ & OVER SQ YD	141.4	165.9	152.7	185.6	645.6	180.6	197.5	180.4	145.1	713.6	110.5	155.5
NONTEXTURED YARN												
INDUSTRIAL TYPE	17.4	14.5	12.5	13.1	57.5	13.5	10.1	9.9	10.2	43.7	11.4	10.2
MARQUIS, NINONS & OTHER SHEERS	33.3	33.7	34.2	39.7	140.9	27.3	30.3	35.9	39.0	132.5	27.6	29.4
TAFFETAS	12.9	12.9	6.5	9.8	42.1	7.0	6.8	2.9	3.6	20.3	5.4	2.5
ALL OTHER						5.2	5.5	4.6	5.8	21.1	5.5	5.5
GLASS FIBER	115.2	97.9	85.5	94.2	391.8	100.6	92.8	99.1	87.6	380.1	80.1	80.2
INDUSTRIAL												
WOVEN ROVING & SCREENING	15.0	13.1	9.4	8.6	46.1	9.8	9.7	8.5	5.6	33.6	6.8	6.5
ALL OTHER[b]	101.6	84.8	76.1	84.6	347.1	90.8	83.1	90.6	82.0	346.5	81.3	73.7
100% FILAMENT ACETATE	81.3	91.5	87.3	98.5	358.6	93.9	93.0	93.6	95.9	376.4	77.5	89.0
TAFFETAS (PLAIN WEAVE)												
75 DENIER WARP	15.0	14.0	10.6	8.7	48.3	8.4	7.8	8.1	8.8	33.1	9.1	9.6
150 DENIER WARP	9.3	7.9	9.9	12.7	39.8	9.5	11.2	13.6	14.5	48.8	12.5	9.4
ALL OTHER	13.7	19.9	31.2	33.5	98.3	36.5	36.6	26.5	27.7	127.3	16.5	25.0
SATINS	12.0	20.9	9.9	12.5	55.3	12.8	12.9	14.2	13.3	53.2	30.6	45.0
ALL OTHER[c]	33.3	28.8	25.7	31.1	118.9	32.7	30.5	31.2	31.6	126.0		
FILAMENT COMB., CHIEFLY POLYESTER	25.9	22.4	24.0	21.2	91.5	21.5	20.0	21.9	24.3	86.7	25.1	24.6
100% FILAMENT RAYON	6.5	6.7	6.0	7.1	26.1	7.1	6.4	6.0	5.0	24.5		
TWILLS	4.4	5.1	4.9	6.1	20.5	6.4	5.7	4.5	3.2	19.8	5.0	5.1
ALL OTHER[d]	1.9	1.6	1.1	1.0	5.6	0.7	0.7	1.5	1.8	4.7		
OTHER 100% FILAMENT YARN[e]	319.8	280.6	302.5	461.7	1374.4	357.3	326.5	301.4	293.4	1278.6	245.2	265.0

See footnotes on opposite page

(Continued from page 10)

THE TEXTILE INDUSTRY AND ITS BUSINESS CLIMATE (Proceedings of the Fuji Conference)

Edited by Akio Okochi and Shin-ichi Yonekawa. University of Tokyo Press. Distributed by Columbia University Press, 562 West 113th Street, New York, NY 10025. 299 pages. Hardcover. 1982. $29.50.

The third meeting of the Second Series International Conference on Business History was held on January 5-8, 1981, at the Fuji Education Center, Shizuoka, Japan, under the auspices of the Business History Society of Japan. The central theme of the meeting was an international comparison of the cotton industry and its business climate, with cotton chosen because it was a leading industry in several nations in the course of their industrialization.

This book is a record of that meeting, in which business historians from Japan, Korea, India, Germany, Britain and the United States describe development and decision-making in the textile industries of both industrial and developing countries. Among their concerns are the adoption of new technologies for textile-making; the ways in which specific companies expanded by integrating raw material processing or other related activities into their operations; and the effect of the business climate of the time and place on entrepreneurial decisions.

Following is a list of the papers included: the growth of cotton spinning firms: a comparative study; the structure of the the British cotton industry, 1846-1914; the business climate of the German cotton industry, 1850-1914; the business strategy of Japanese cotton spinners: overseas operations 1890 to 1931; innovations in the Indian textile industry: the formative years; changing patterns of management in the Lowell mills; locational patterns of southern [U.S.] textile mills, 1880-1920; the business climate and industrialization of the Korean fiber industry; and the Japanese cotton spinning industry during the pre-World War I period. Each of these topics is followed by the comments of two of the other participants at the conference.